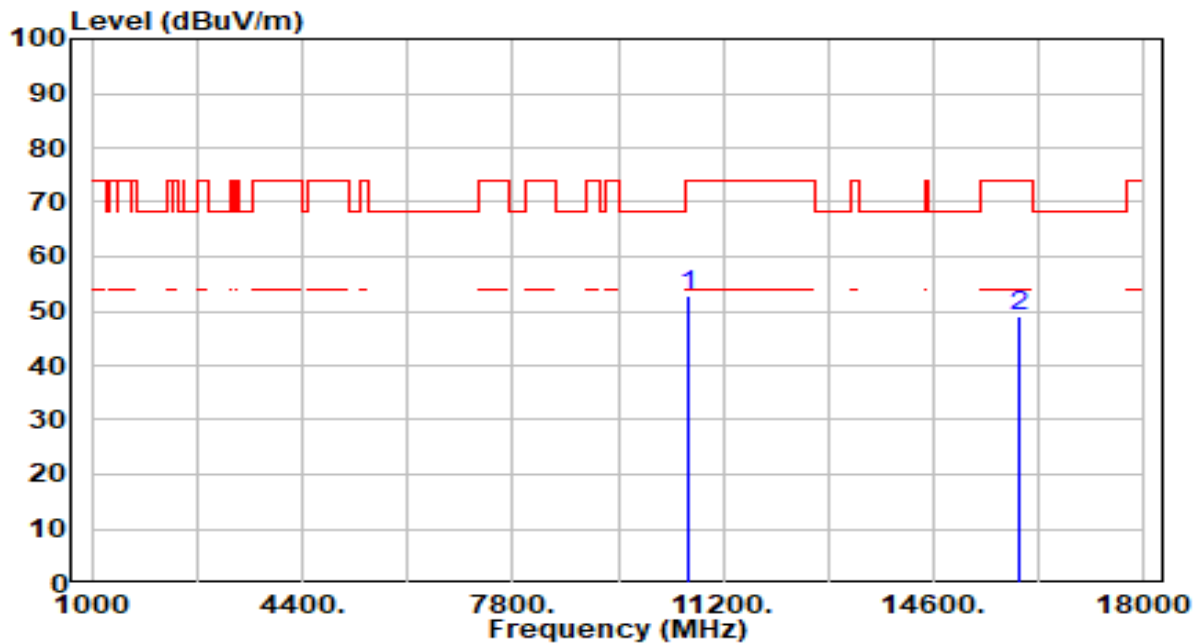


EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

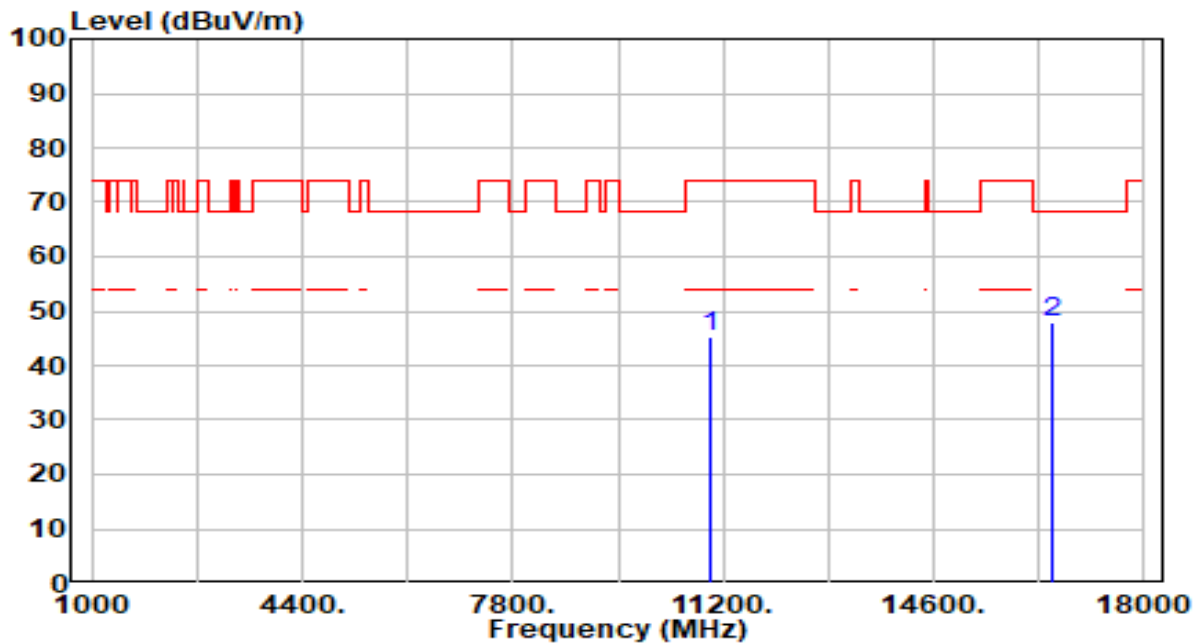


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10640.000	50.20	2.62	52.83	-21.17	74.00	200	208	Peak
2	15960.000	43.78	5.17	48.95	-25.05	74.00	200	214	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

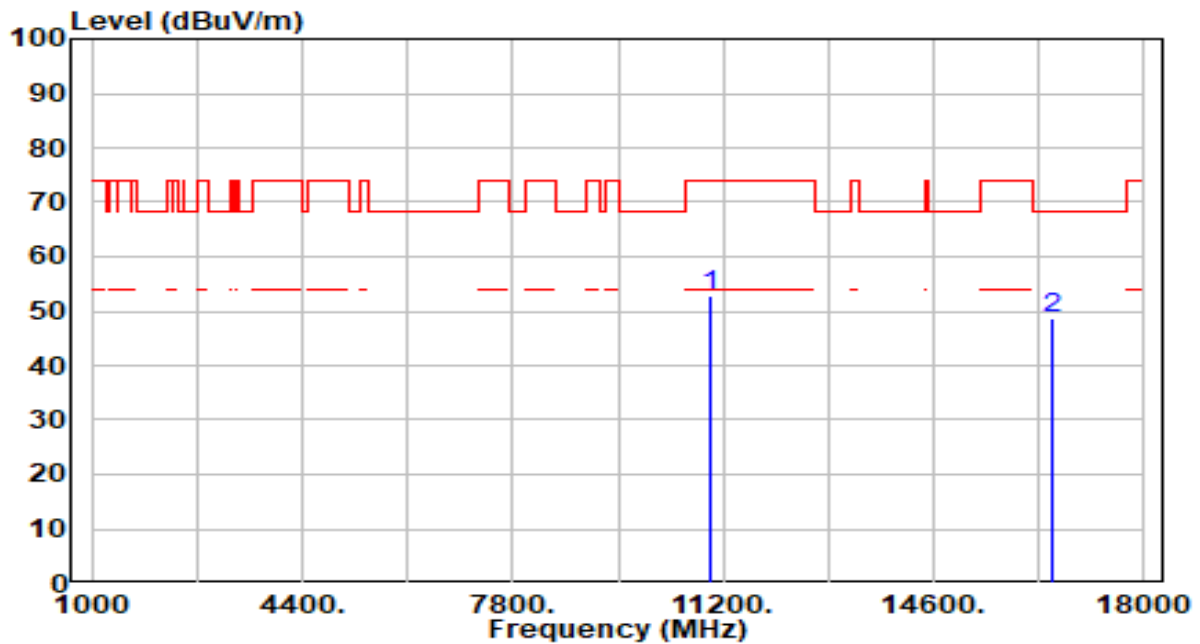


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	42.64	2.60	45.24	-28.76	74.00	200	273	Peak
2	* 16500.000	43.19	4.63	47.82	-20.38	68.20	200	100	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

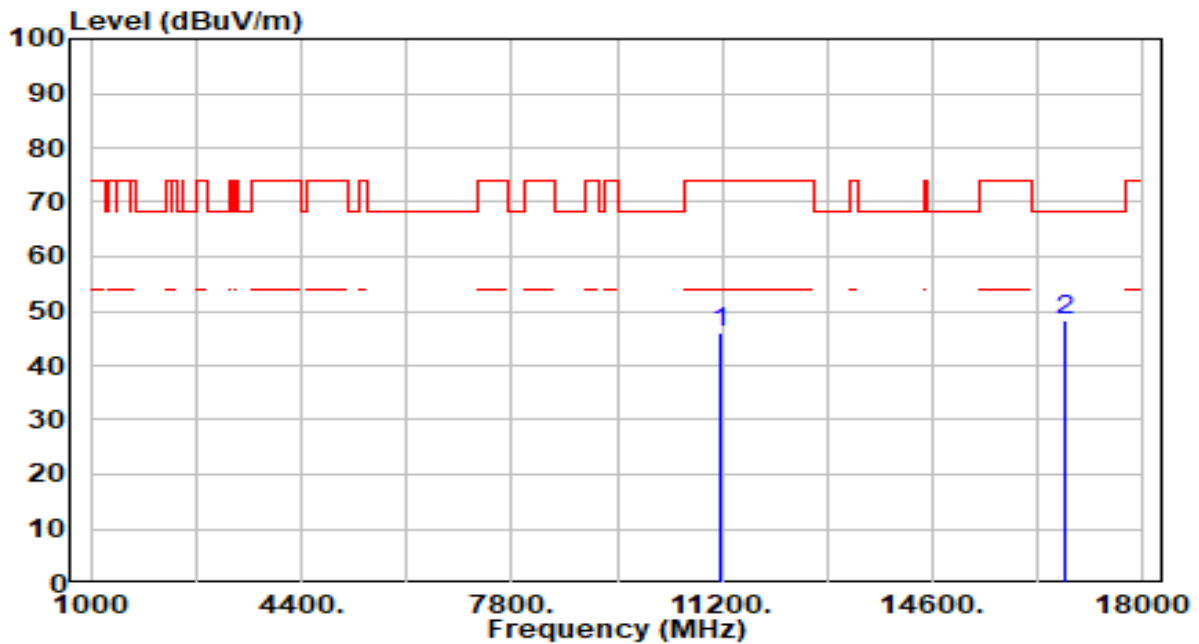


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11000.000	50.21	2.60	52.81	-21.19	74.00	200	165	Peak
2	* 16500.000	43.91	4.63	48.54	-19.66	68.20	200	199	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 116_ANT 0+1	Test Voltage	AC 120V/60Hz

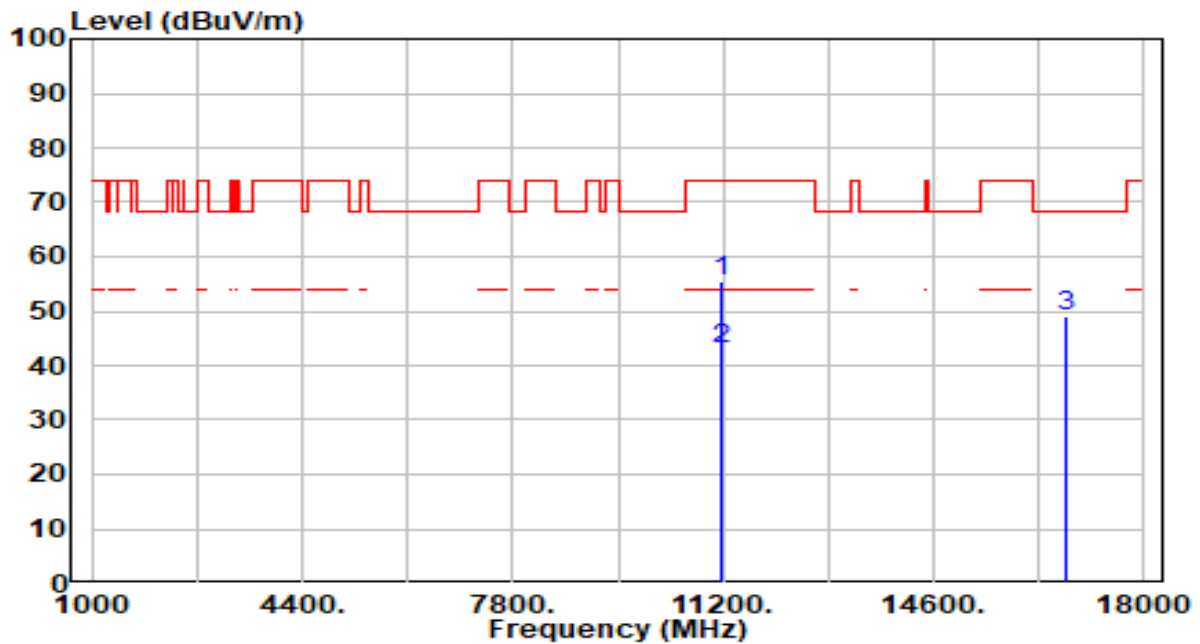


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11160.000	43.15	3.07	46.22	-27.78	74.00	200	15	Peak
2	* 16740.000	43.50	4.66	48.16	-20.04	68.20	200	9	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 116_ANT 0+1	Test Voltage	AC 120V/60Hz

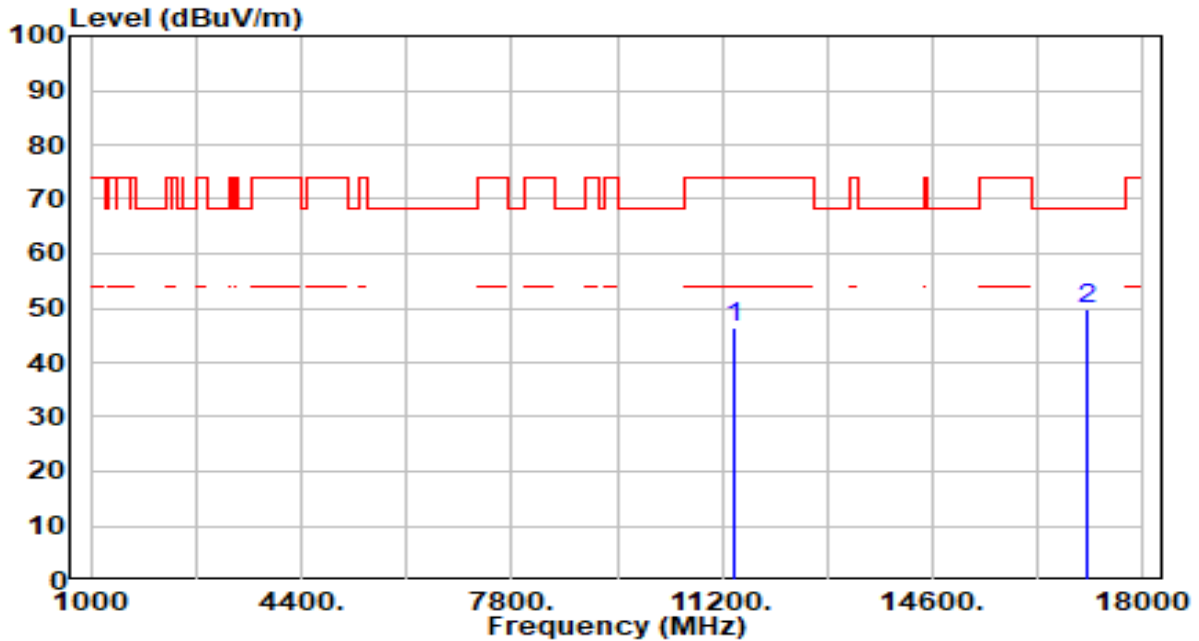


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 11160.000	52.52	3.07	55.59	-18.41	74.00	200	187	Peak
2	* 11160.000	39.81	3.07	42.88	-11.12	54.00	200	187	Average
3	16740.000	44.30	4.66	48.96	-19.24	68.20	200	213	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

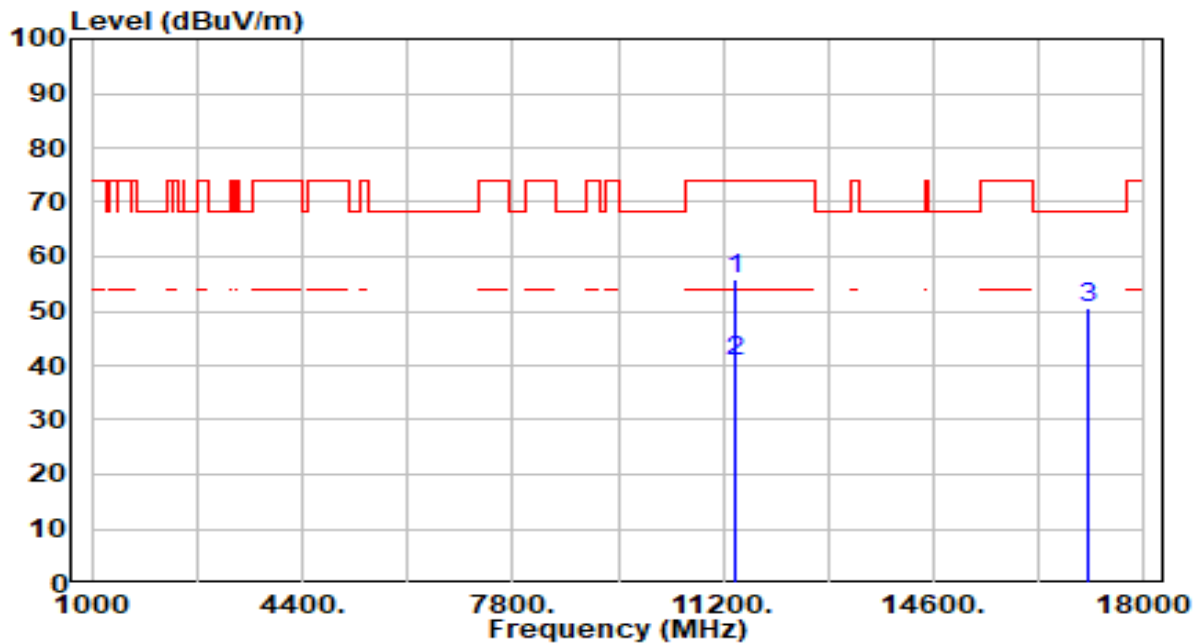


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	43.01	3.48	46.49	-27.51	74.00	200	336	Peak
2	* 17100.000	45.20	4.79	49.99	-18.21	68.20	200	351	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

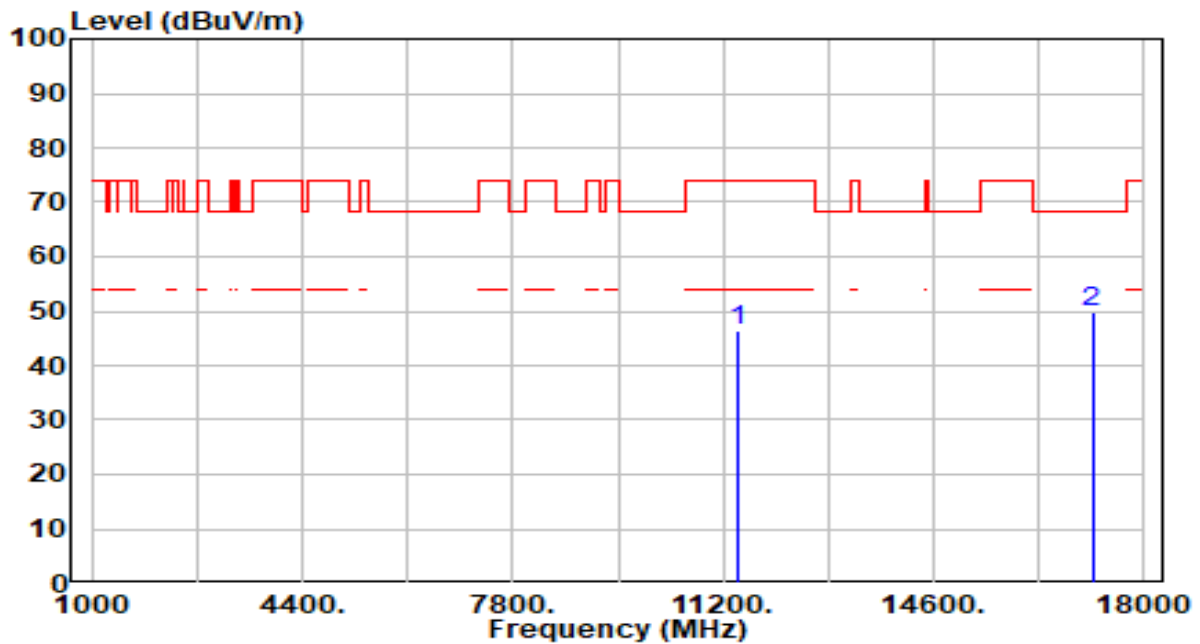


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11400.000	52.48	3.48	55.96	-18.04	74.00	200	214	Peak
2	* 11400.000	37.43	3.48	40.91	-13.09	54.00	200	214	Average
3	* 17100.000	45.72	4.79	50.51	-17.69	68.20	200	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 144_ANT 0+1	Test Voltage	AC 120V/60Hz

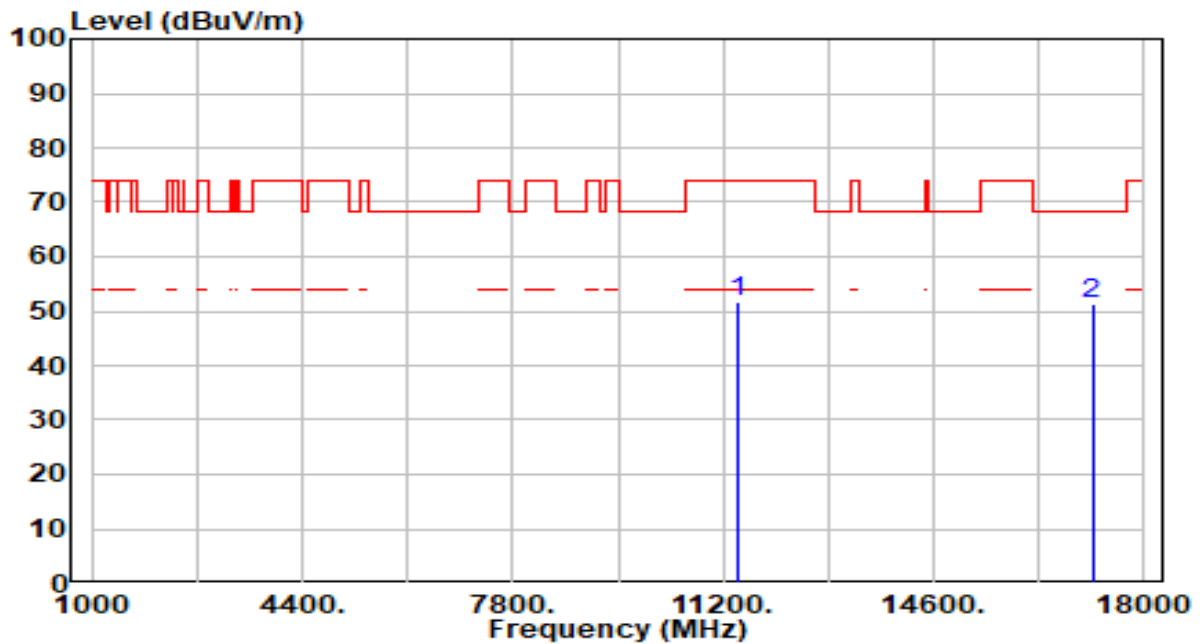


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	42.80	3.52	46.31	-27.69	74.00	200	250	Peak
2	* 17160.000	45.05	4.66	49.71	-18.49	68.20	200	218	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 144_ANT 0+1	Test Voltage	AC 120V/60Hz

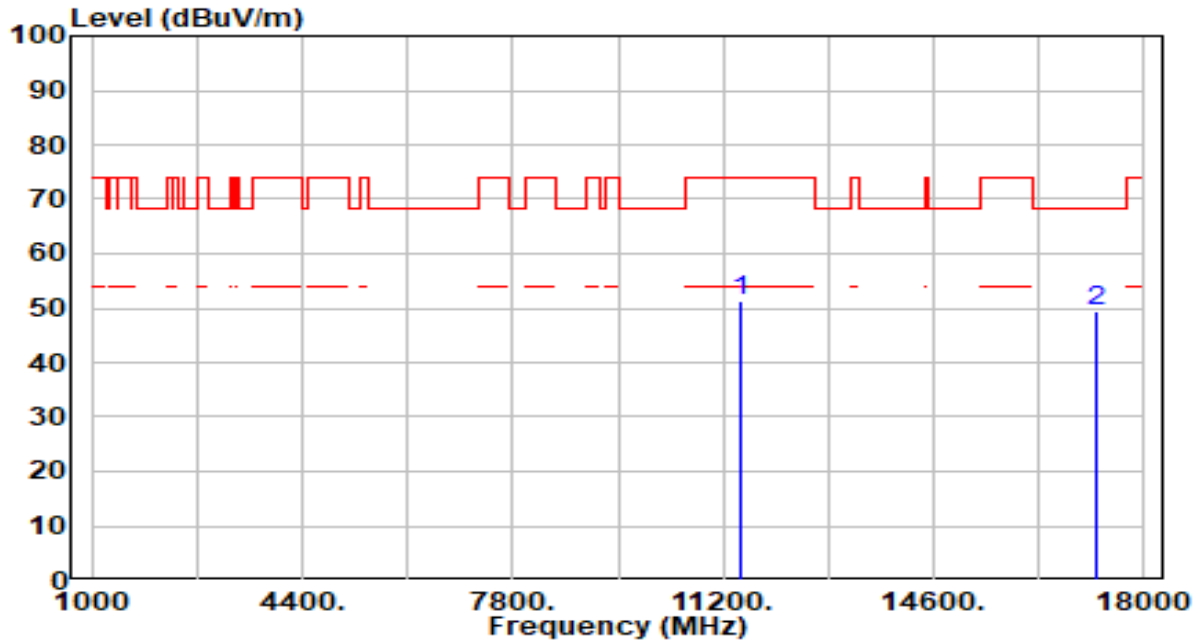


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11440.000	48.07	3.52	51.59	-22.41	74.00	200	147	Peak
2	* 17160.000	46.83	4.66	51.48	-16.72	68.20	200	58	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

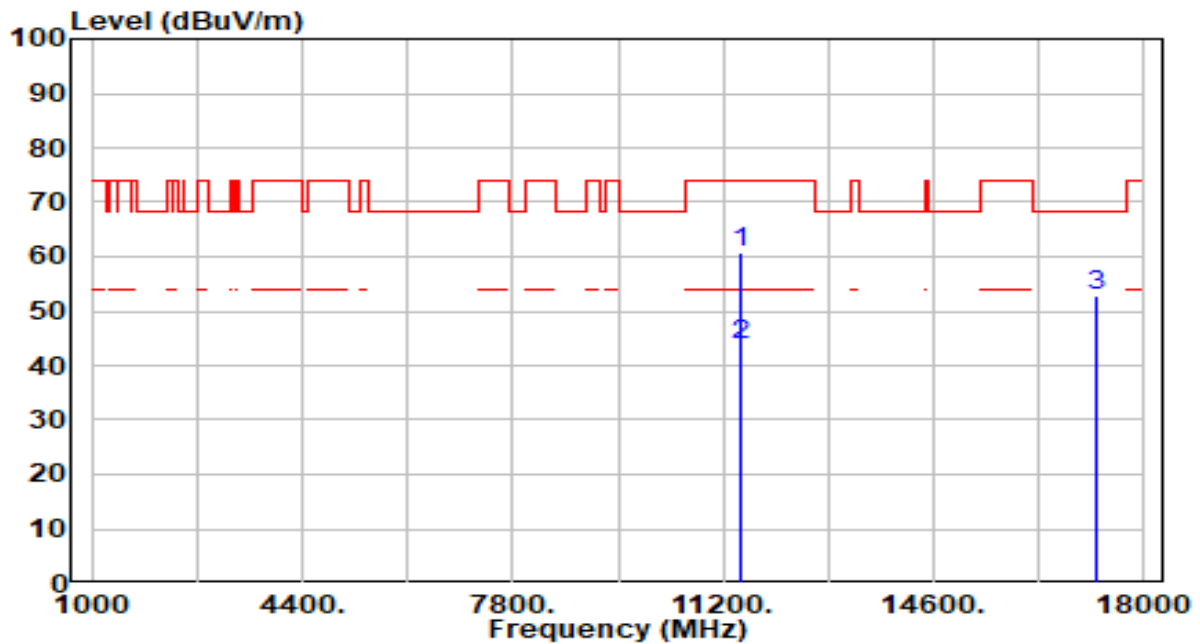


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11490.000	47.87	3.57	51.44	-22.56	74.00	200	251	Peak
2	* 17235.000	44.86	4.45	49.31	-18.89	68.20	200	311	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

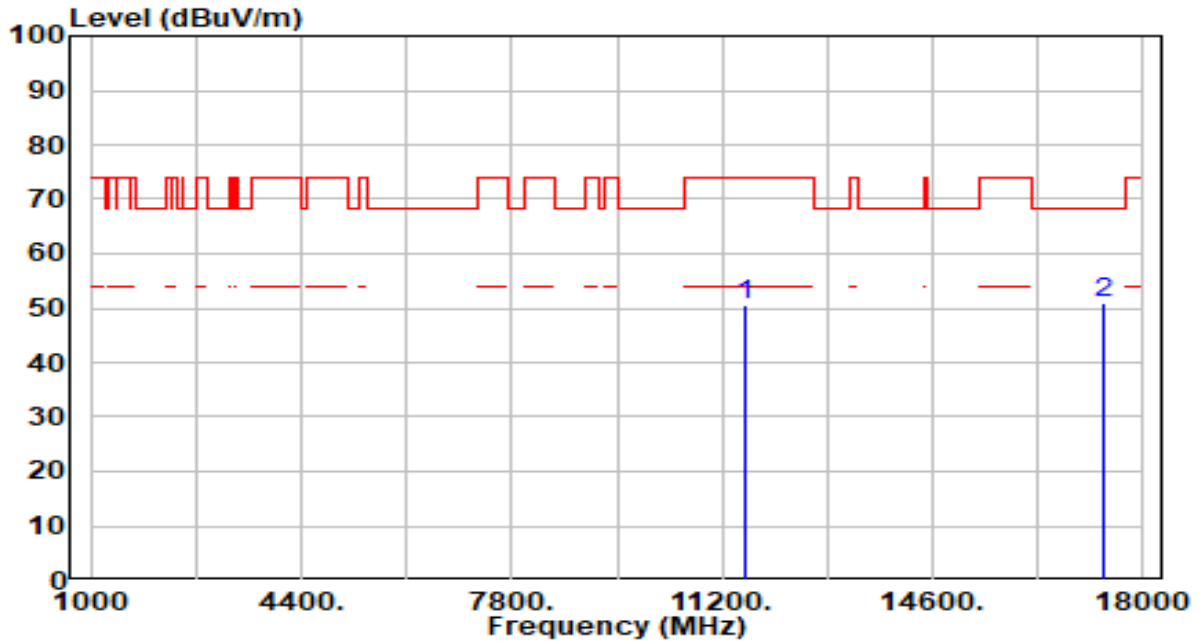


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	11490.000	57.07	3.57	60.64	-13.36	74.00	200	194	Peak
2	*	11490.000	40.20	3.57	43.77	-10.23	54.00	200	194	Average
3		17235.000	48.26	4.45	52.71	-15.49	68.20	200	226	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

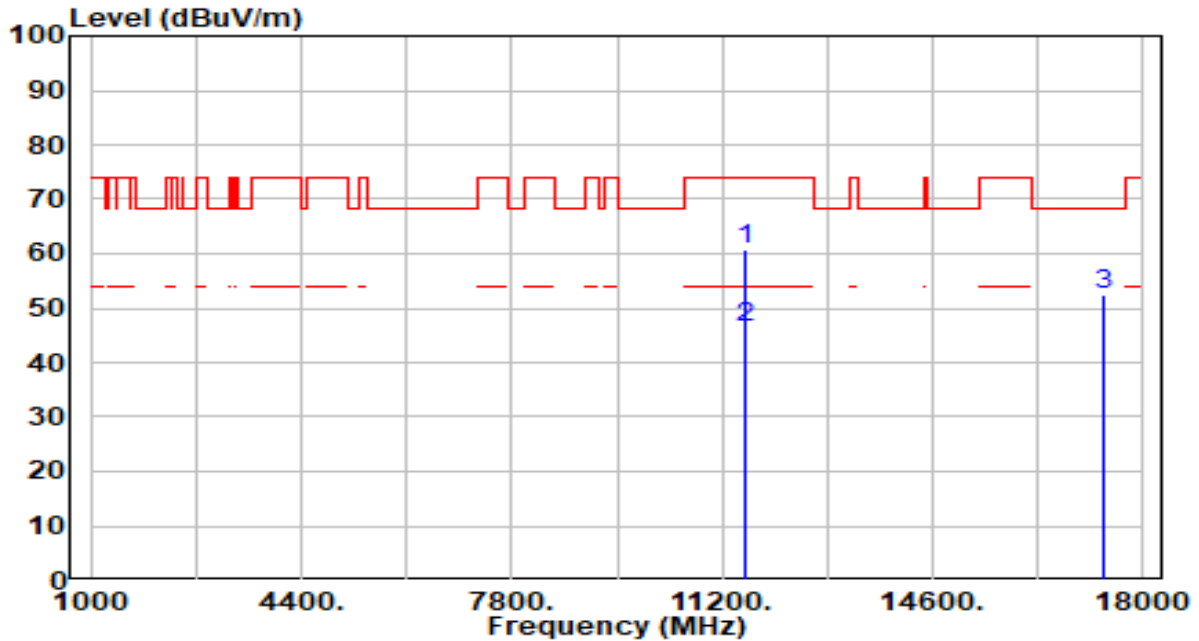


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11570.000	46.96	3.65	50.61	-23.39	74.00	200	350	Peak
2	* 17355.000	46.77	4.06	50.82	-17.38	68.20	200	80	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 157_ANT 0+1	Test Voltage	AC 120V/60Hz

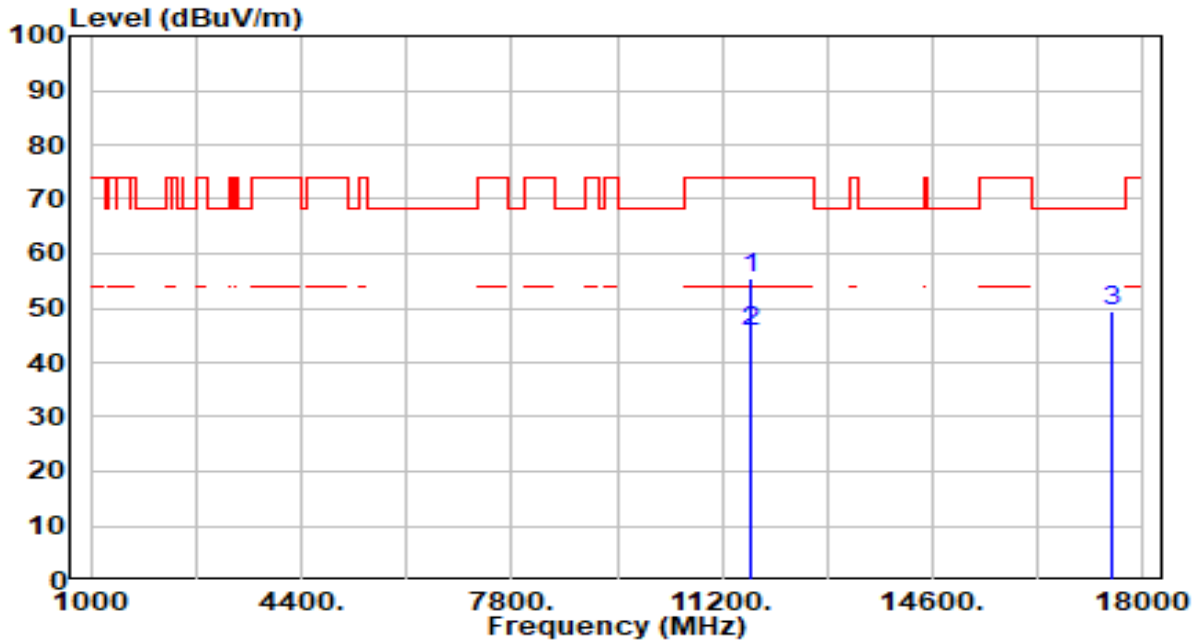


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	11570.000	57.18	3.65	60.83	-13.17	74.00	200	211	Peak
2	*	11570.000	42.92	3.65	46.57	-7.43	54.00	200	211	Average
3		17355.000	48.43	4.06	52.49	-15.71	68.20	200	59	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

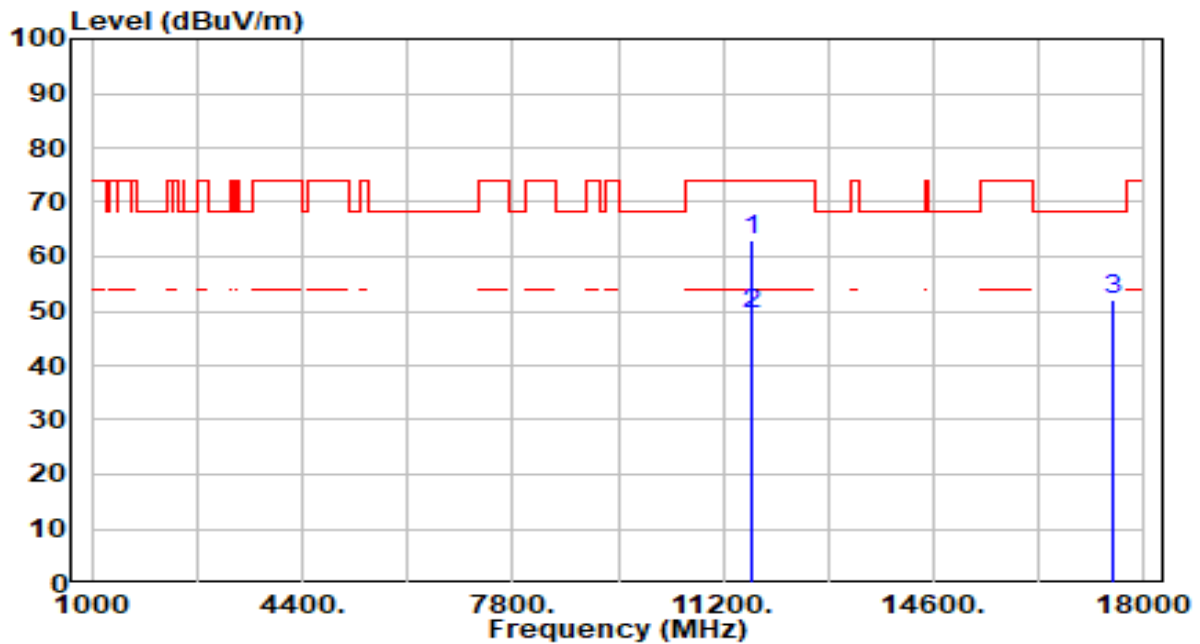


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	11650.000	51.66	3.66	55.32	-18.68	74.00	200	250	Peak
2	*	11650.000	42.05	3.66	45.71	-8.29	54.00	200	250	Average
3		17475.000	45.57	3.89	49.46	-18.74	68.20	200	247	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

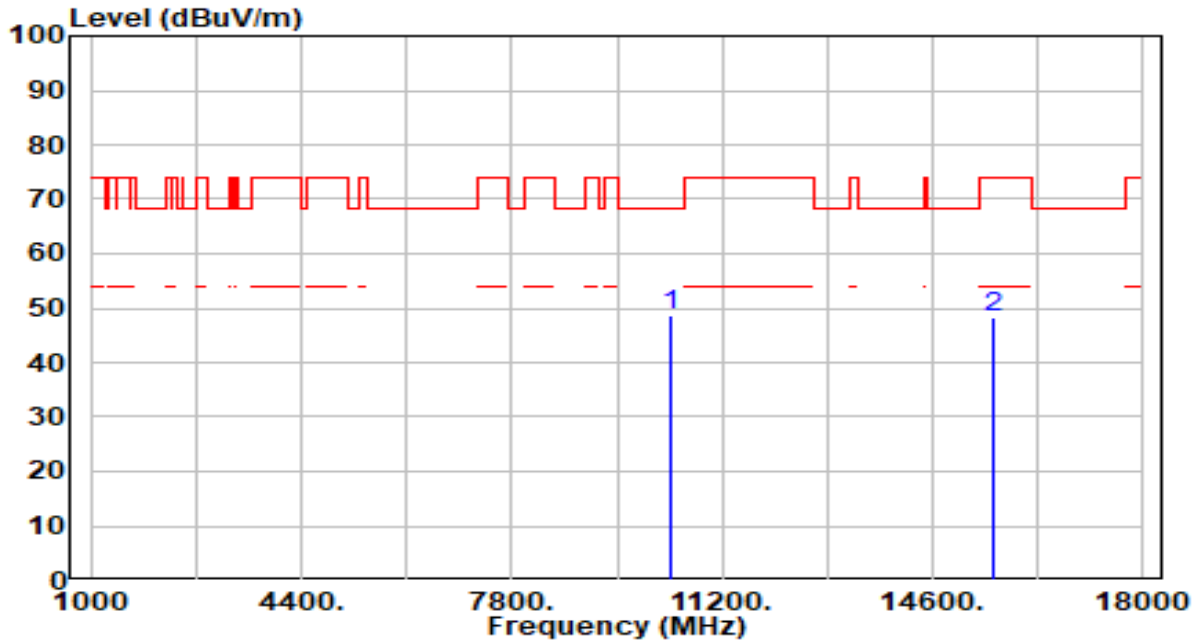


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	11650.000	59.46	3.66	63.12	-10.88	74.00	200	192	Peak
2	*	11650.000	45.65	3.66	49.31	-4.69	54.00	200	192	Average
3		17475.000	48.29	3.89	52.18	-16.02	68.20	200	166	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Pre-amplifier(dB).
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

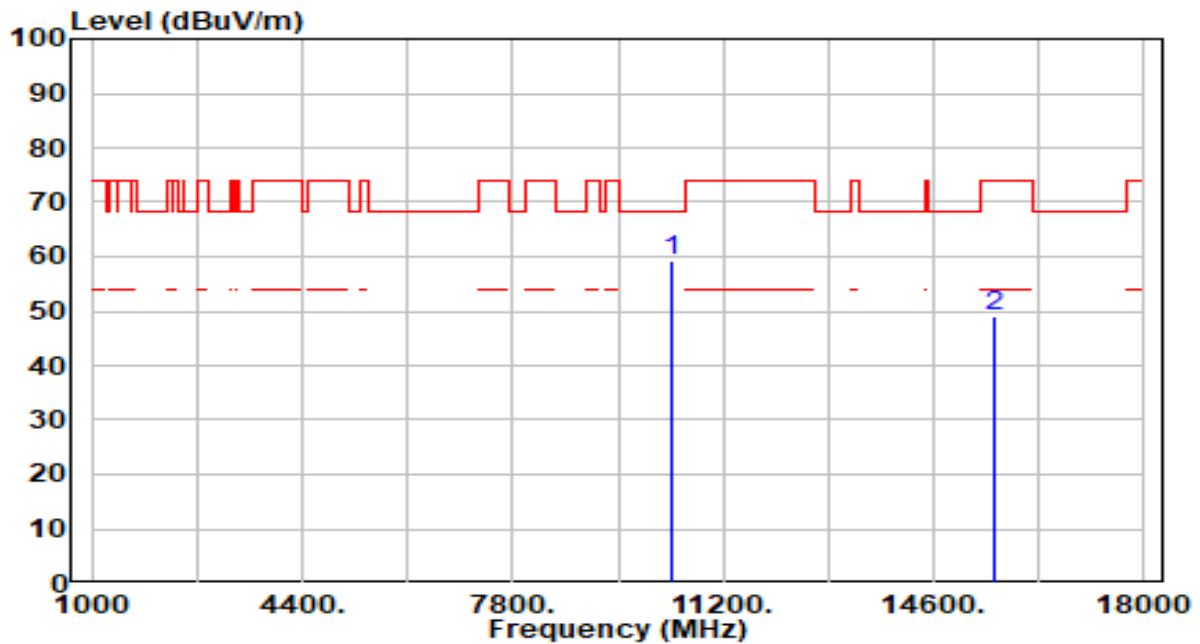


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	45.84	2.79	48.63	-19.57	68.20	200	306	Peak
2	15570.000	43.90	4.52	48.41	-25.59	74.00	200	0	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

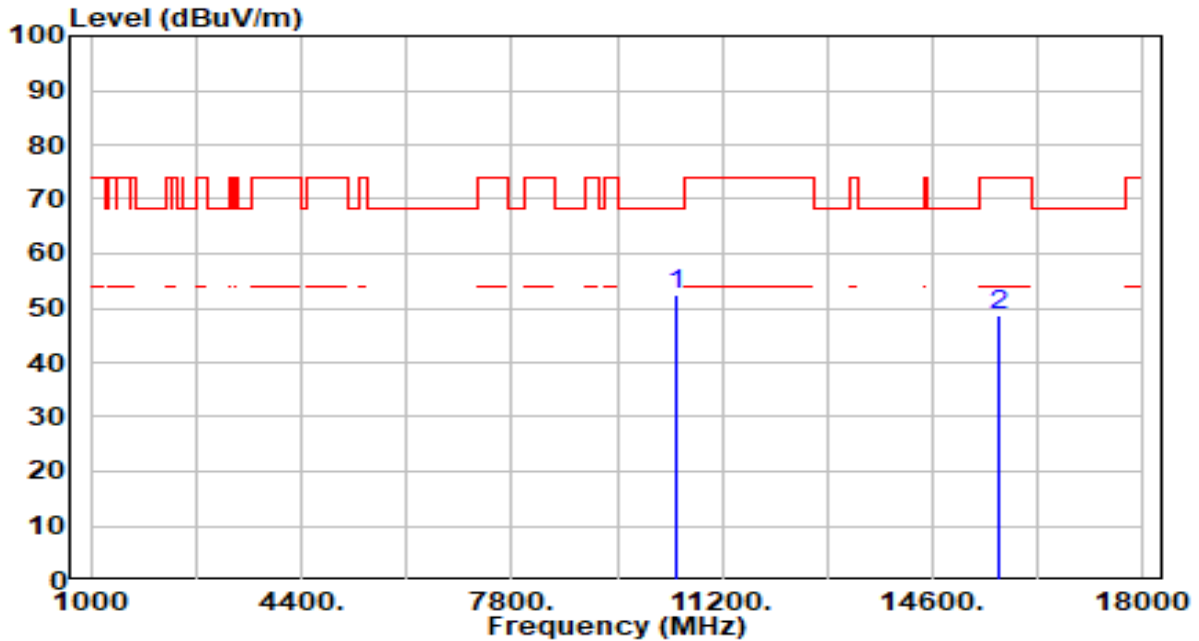


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10380.000	56.29	2.79	59.08	-9.12	68.20	200	168	Peak
2	15570.000	44.62	4.52	49.14	-24.86	74.00	200	108	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

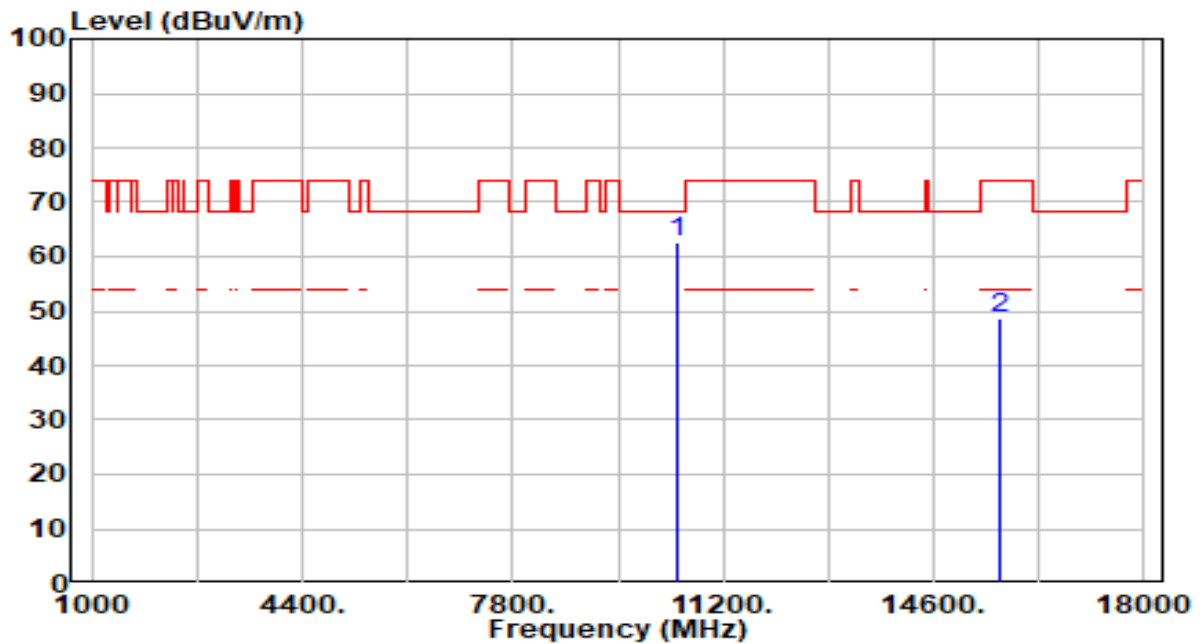


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10460.000	49.63	2.70	52.33	-15.87	68.20	200	305	Peak
2	15690.000	44.01	4.75	48.76	-25.24	74.00	200	126	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 46_ANT 0+1	Test Voltage	AC 120V/60Hz

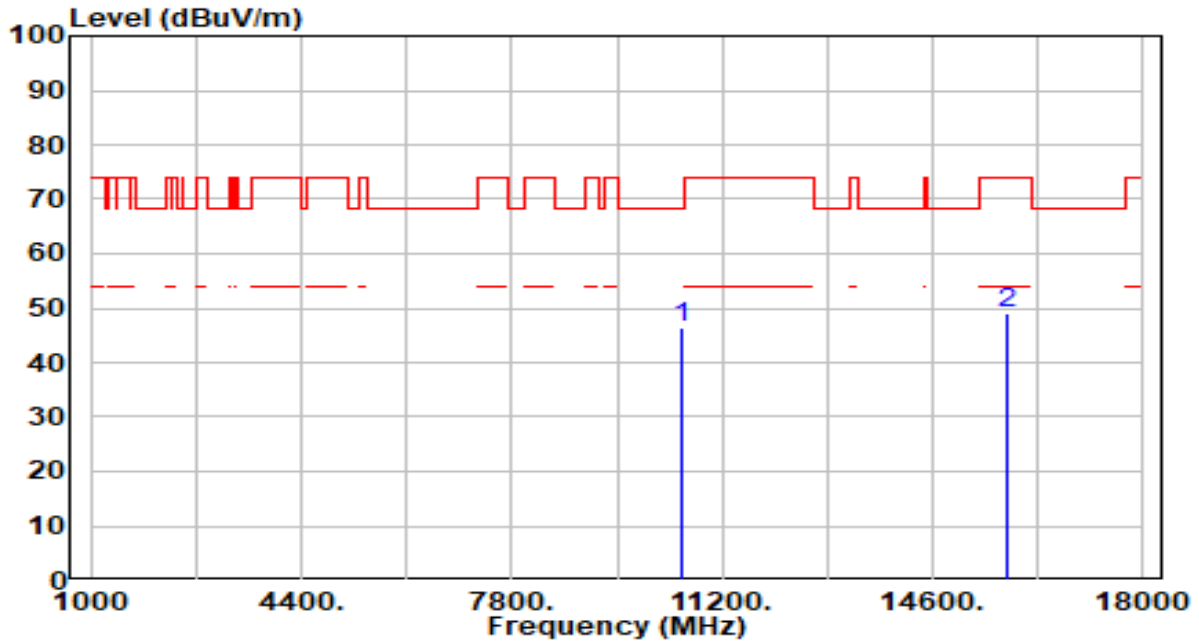


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10460.000	59.77	2.70	62.47	-5.73	68.20	200	188	Peak
2	15690.000	43.89	4.75	48.65	-25.35	74.00	200	0	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 54_ANT 0+1	Test Voltage	AC 120V/60Hz

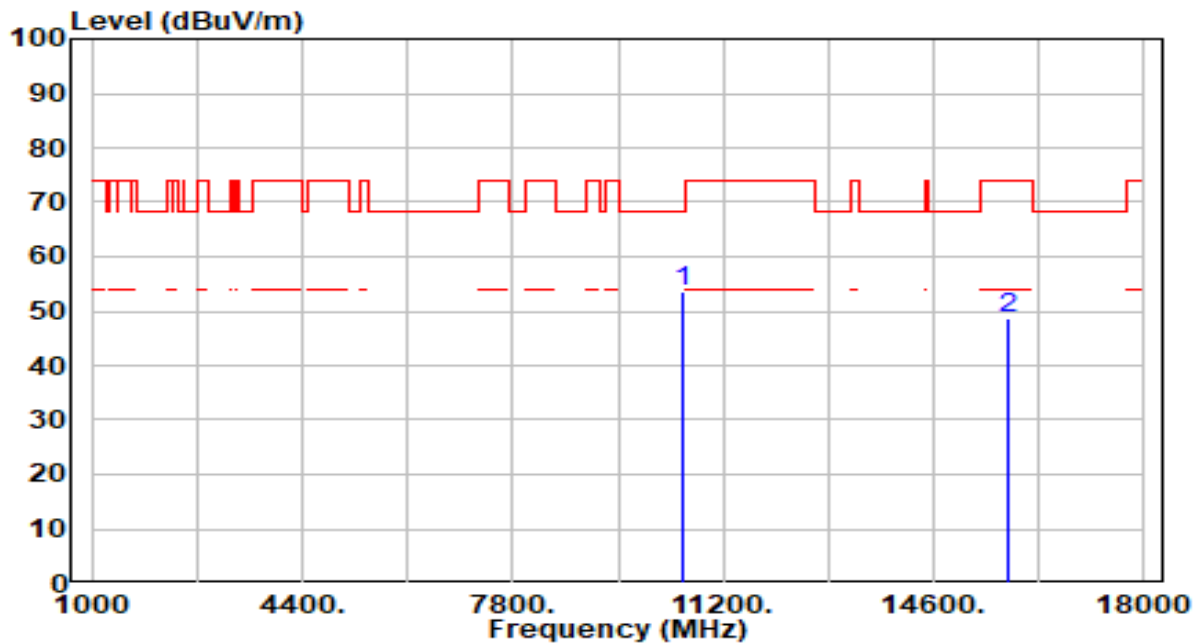


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	10540.000	43.60	2.63	46.23	-21.97	68.20	200	280	Peak
2		15810.000	43.98	5.06	49.04	-24.96	74.00	200	141	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 54_ANT 0+1	Test Voltage	AC 120V/60Hz

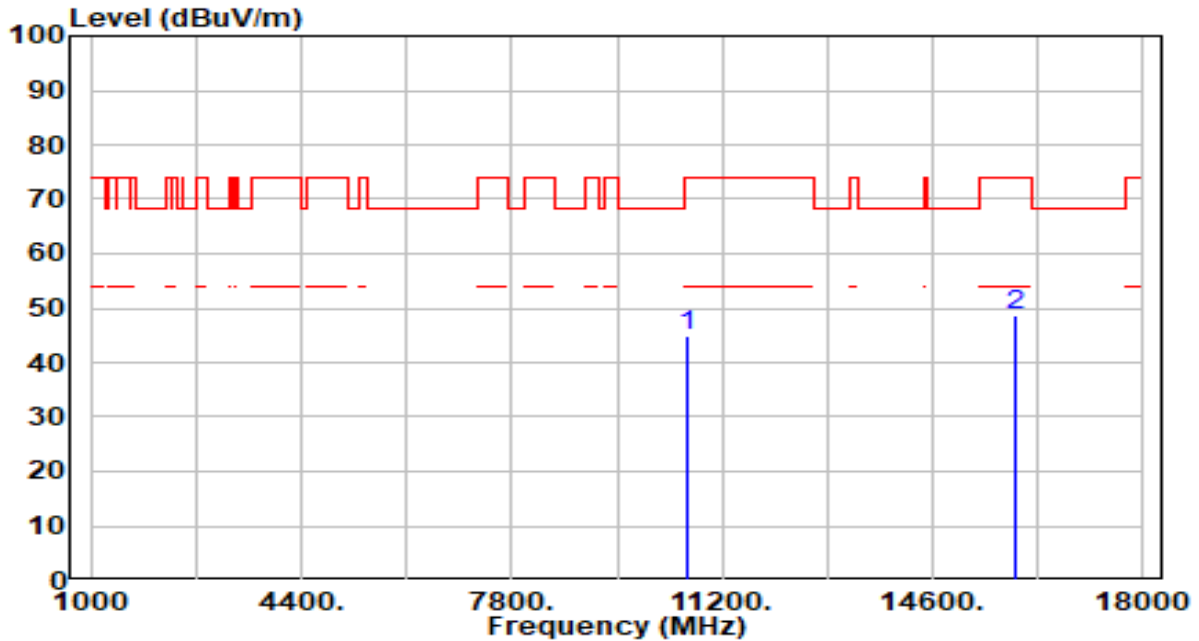


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10540.000	51.05	2.63	53.68	-14.52	68.20	200	190	Peak
2	15810.000	43.50	5.06	48.56	-25.44	74.00	200	334	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

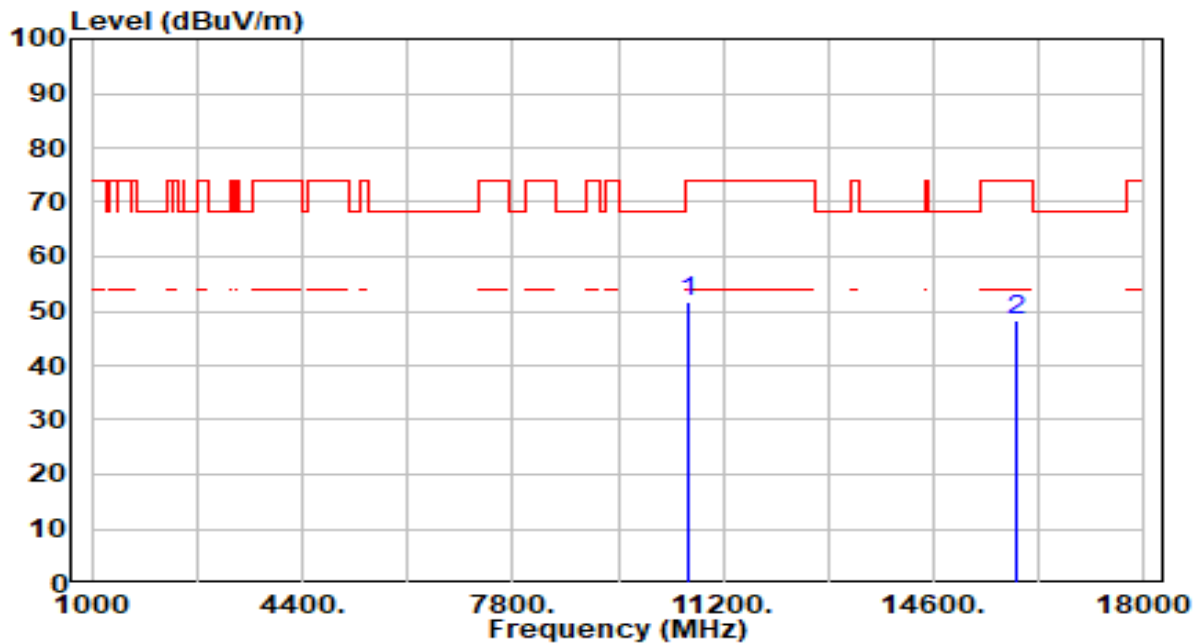


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	10620.000	42.46	2.61	45.07	-28.93	74.00	200	262	Peak
2	* 15930.000	43.64	5.15	48.79	-25.21	74.00	200	354	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

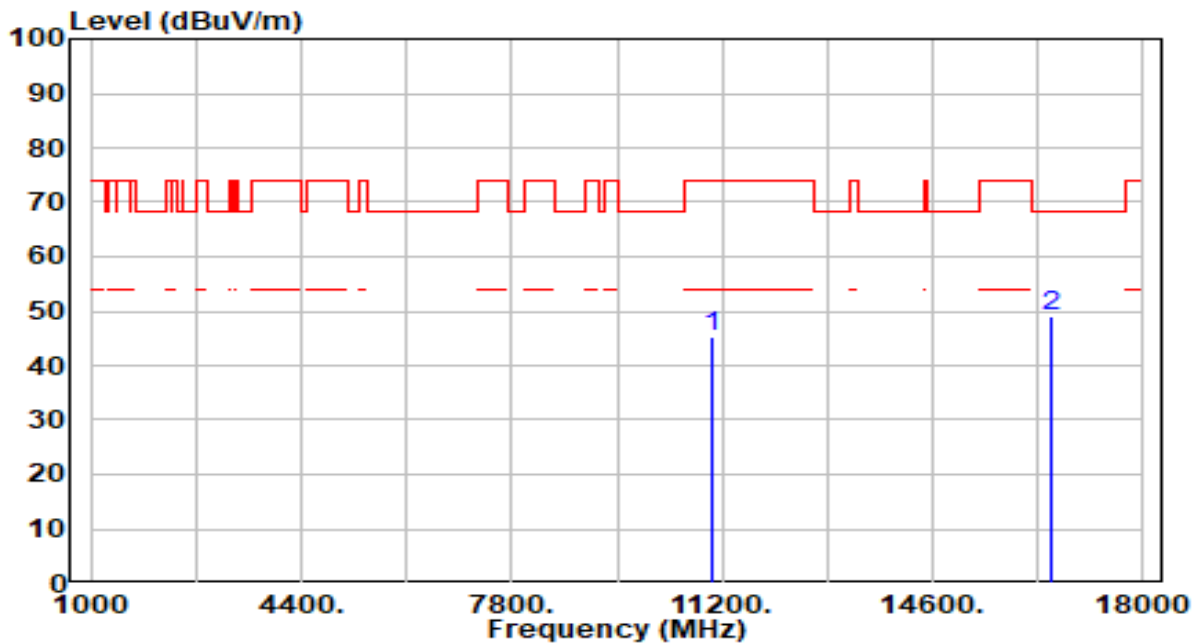


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10620.000	49.12	2.61	51.73	-22.27	74.00	200	211	Peak
2	15930.000	43.14	5.15	48.29	-25.71	74.00	200	36	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz

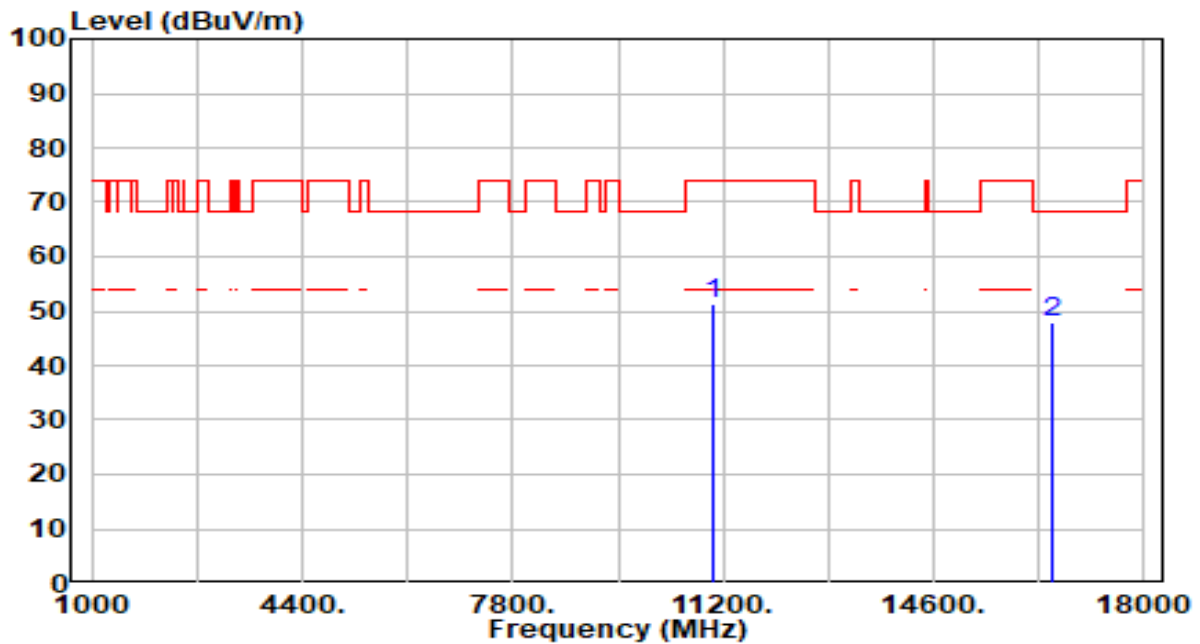


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	42.48	2.66	45.14	-28.86	74.00	200	166	Peak
2	* 16530.000	44.30	4.63	48.93	-19.27	68.20	200	204	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11020.000	48.58	2.66	51.24	-22.76	74.00	200	191	Peak
2	* 16530.000	43.48	4.63	48.11	-20.09	68.20	200	56	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 110_ANT 0+1	Test Voltage	AC 120V/60Hz

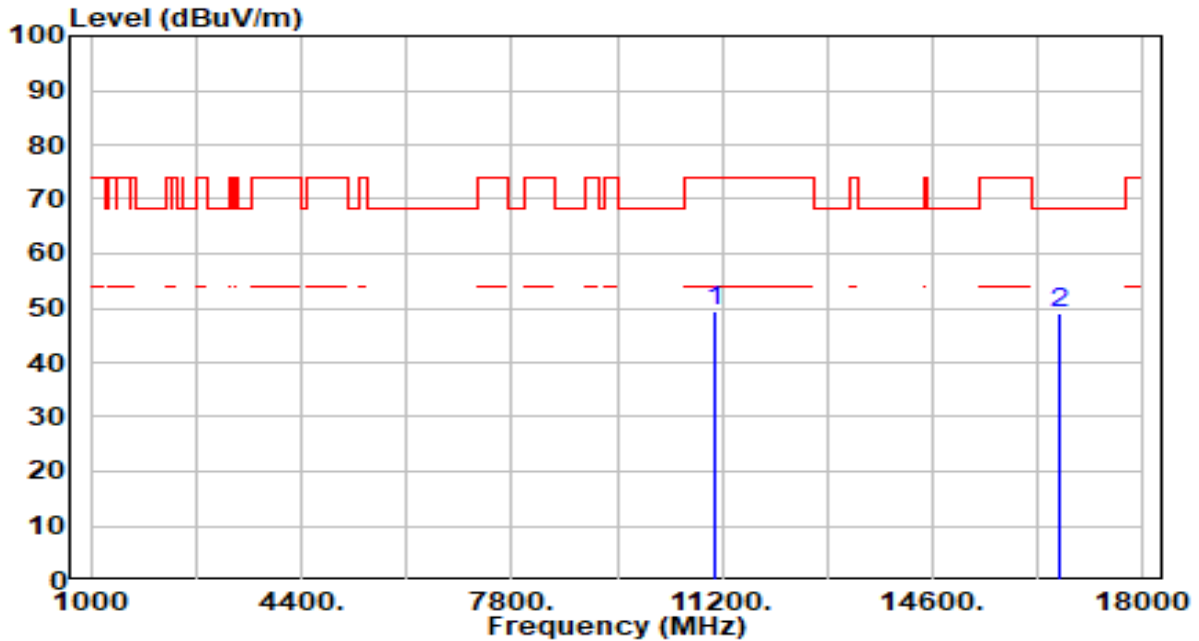


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	42.20	2.90	45.09	-28.91	74.00	200	322	Peak
2	* 16650.000	43.89	4.63	48.52	-19.68	68.20	200	146	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 110_ANT 0+1	Test Voltage	AC 120V/60Hz

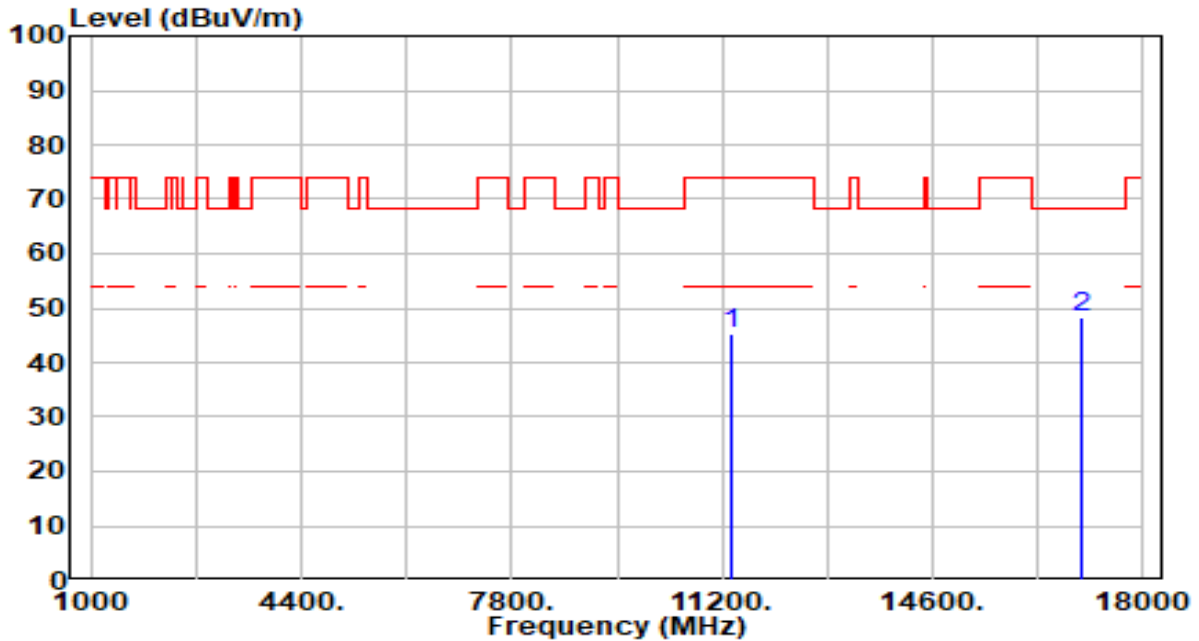


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11100.000	46.53	2.90	49.43	-24.57	74.00	200	214	Peak
2	* 16650.000	44.39	4.63	49.02	-19.18	68.20	200	179	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1	Test Voltage	AC 120V/60Hz

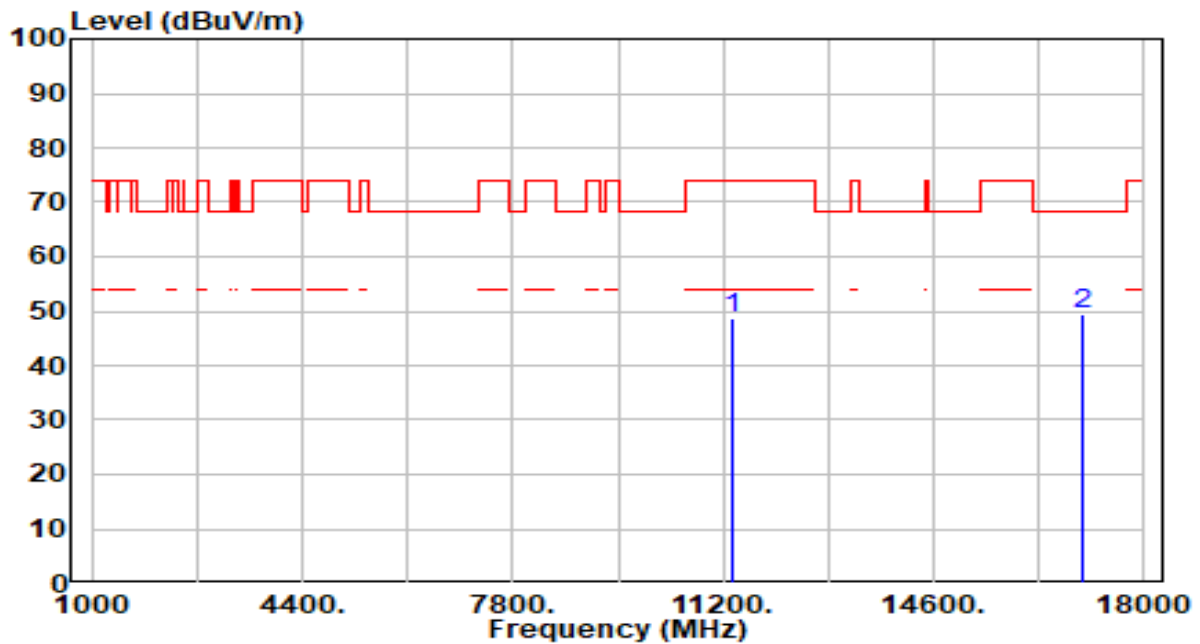


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	41.83	3.39	45.23	-28.77	74.00	200	278	Peak
2	* 17010.000	43.30	5.00	48.30	-19.90	68.20	200	0	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1	Test Voltage	AC 120V/60Hz

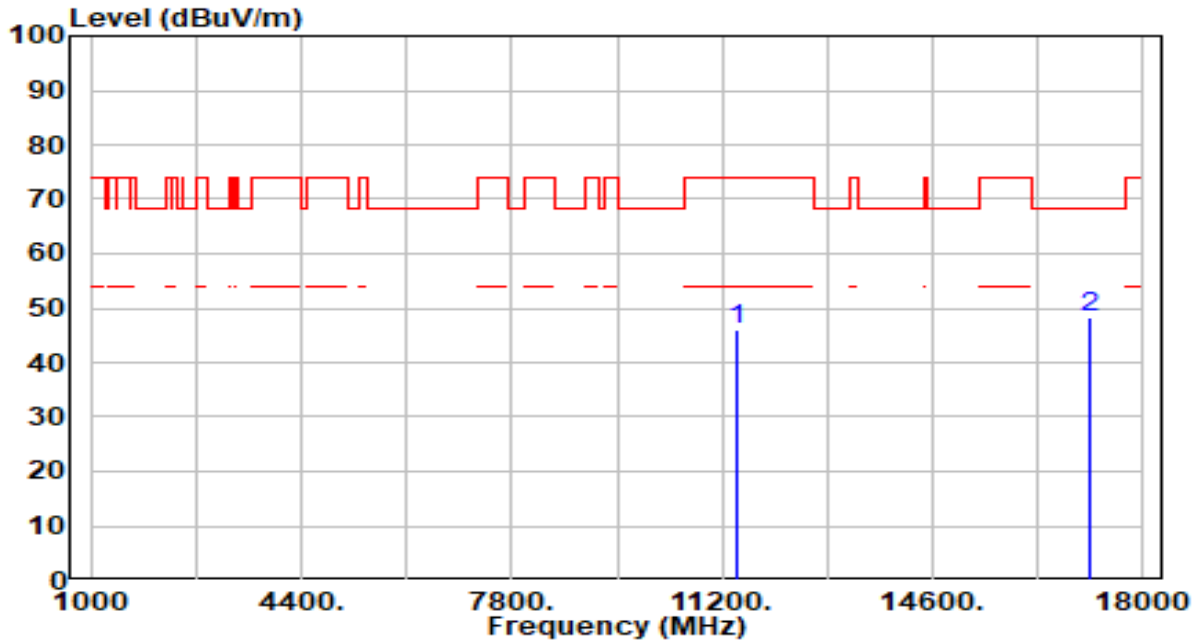


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11340.000	45.37	3.39	48.77	-25.23	74.00	200	225	Peak
2	* 17010.000	44.47	5.00	49.46	-18.74	68.20	200	340	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 142_ANT 0+1	Test Voltage	AC 120V/60Hz

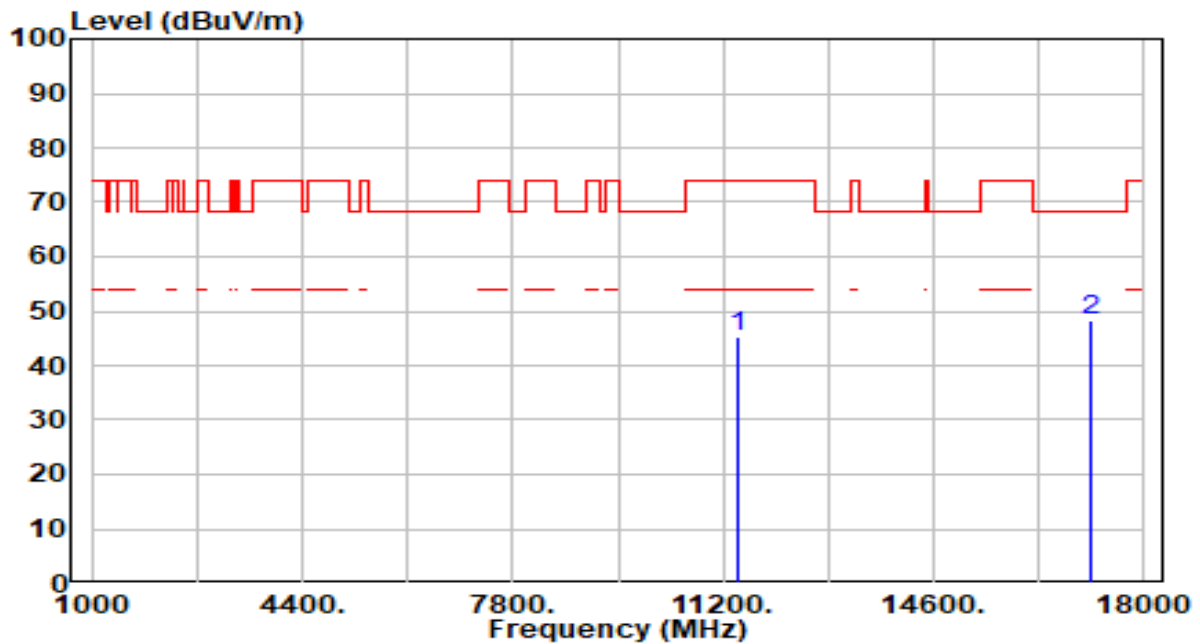


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	42.39	3.50	45.89	-28.11	74.00	200	0	Peak
2	* 17130.000	43.58	4.72	48.30	-19.90	68.20	200	168	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 142_ANT 0+1	Test Voltage	AC 120V/60Hz

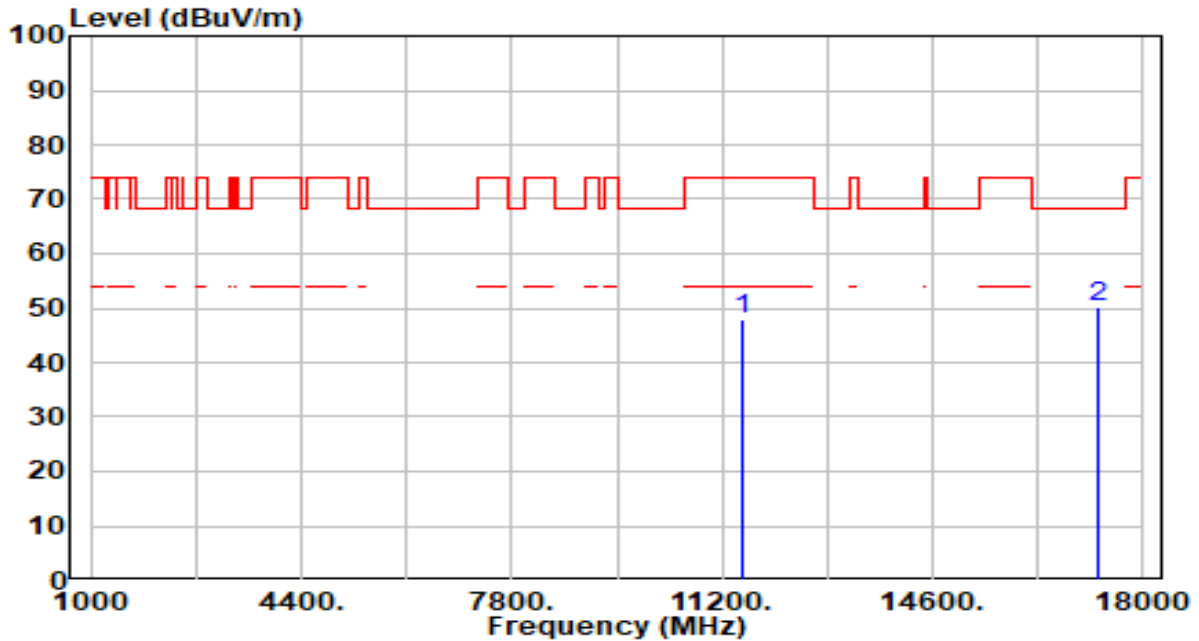


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11420.000	41.68	3.50	45.18	-28.82	74.00	200	45	Peak
2	* 17130.000	43.67	4.72	48.40	-19.80	68.20	200	85	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

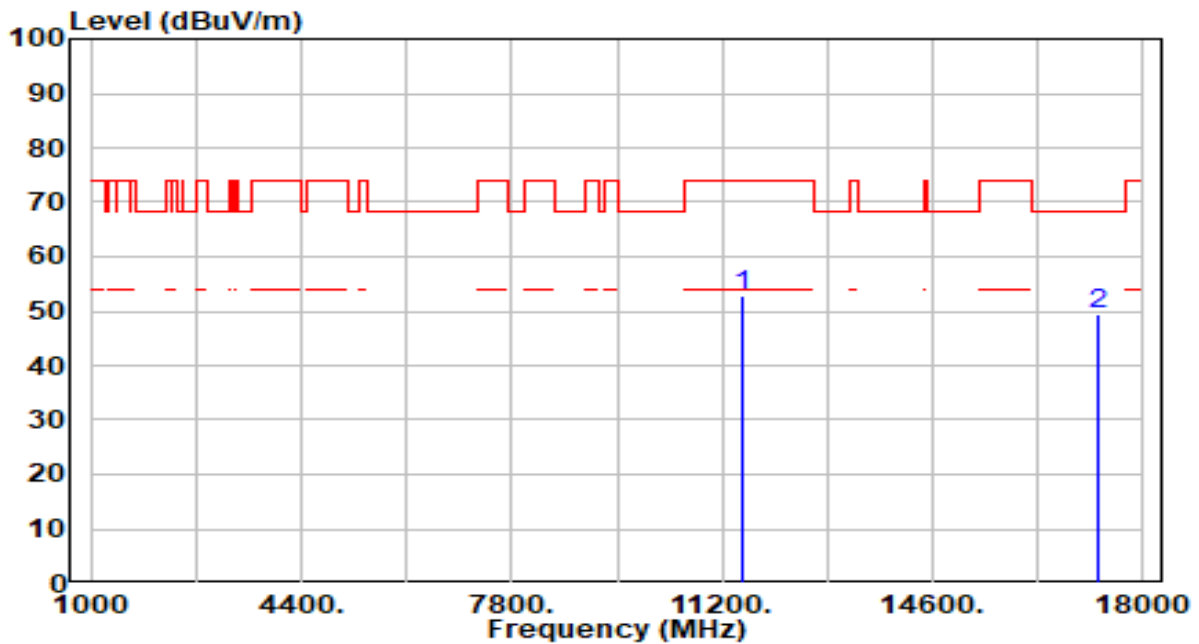


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	44.48	3.59	48.07	-25.93	74.00	200	213	Peak
2	* 17265.000	46.01	4.35	50.36	-17.84	68.20	200	86	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

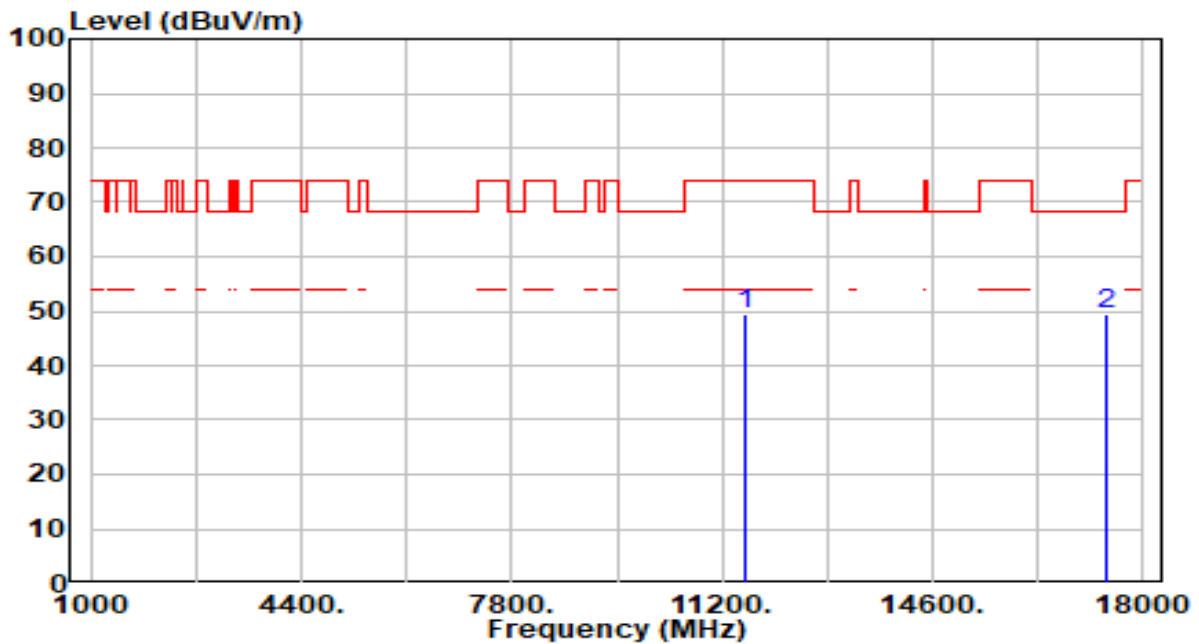


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11510.000	49.25	3.59	52.84	-21.16	74.00	200	168	Peak
2	* 17265.000	45.11	4.35	49.46	-18.74	68.20	200	303	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

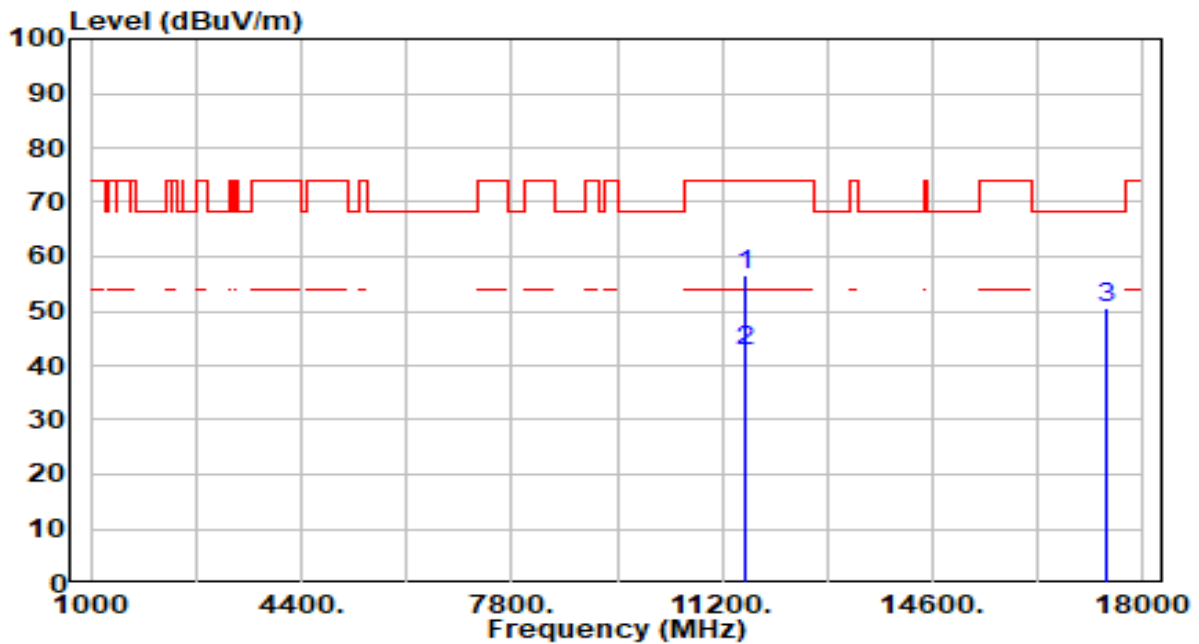


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11590.000	45.82	3.67	49.49	-24.51	74.00	200	0	Peak
2	* 17385.000	45.52	3.96	49.48	-18.72	68.20	200	20	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

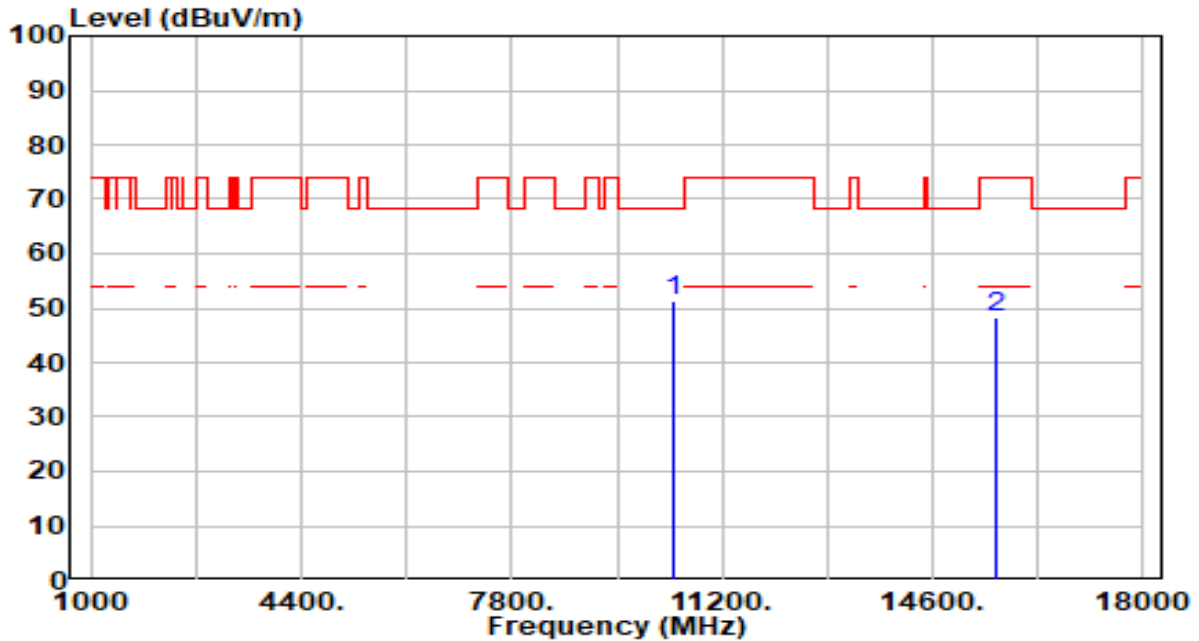


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	11590.000	52.94	3.67	56.61	-17.39	74.00	200	159	Peak
2	*	11590.000	38.82	3.67	42.49	-11.51	54.00	200	159	Average
3		17385.000	46.77	3.96	50.73	-17.47	68.20	200	360	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

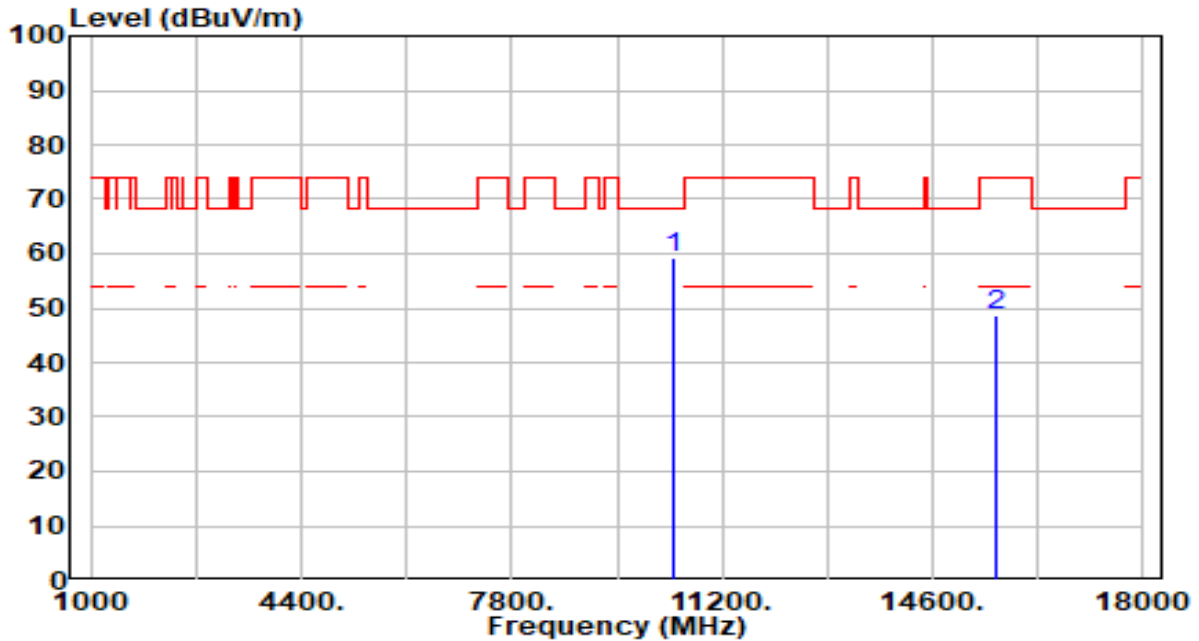


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	*	48.59	2.74	51.33	-16.87	68.20	200	307	Peak
2		43.69	4.59	48.28	-25.72	74.00	200	55	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

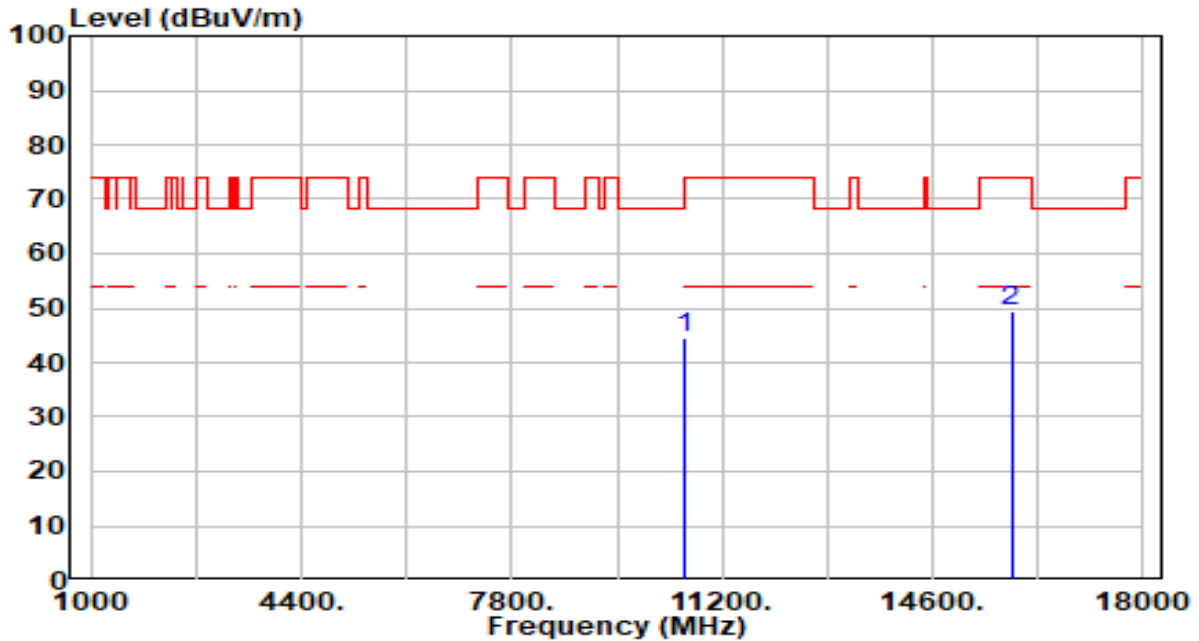


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10420.000	56.32	2.74	59.07	-9.13	68.20	200	156	Peak
2	15630.000	43.93	4.59	48.52	-25.48	74.00	200	145	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

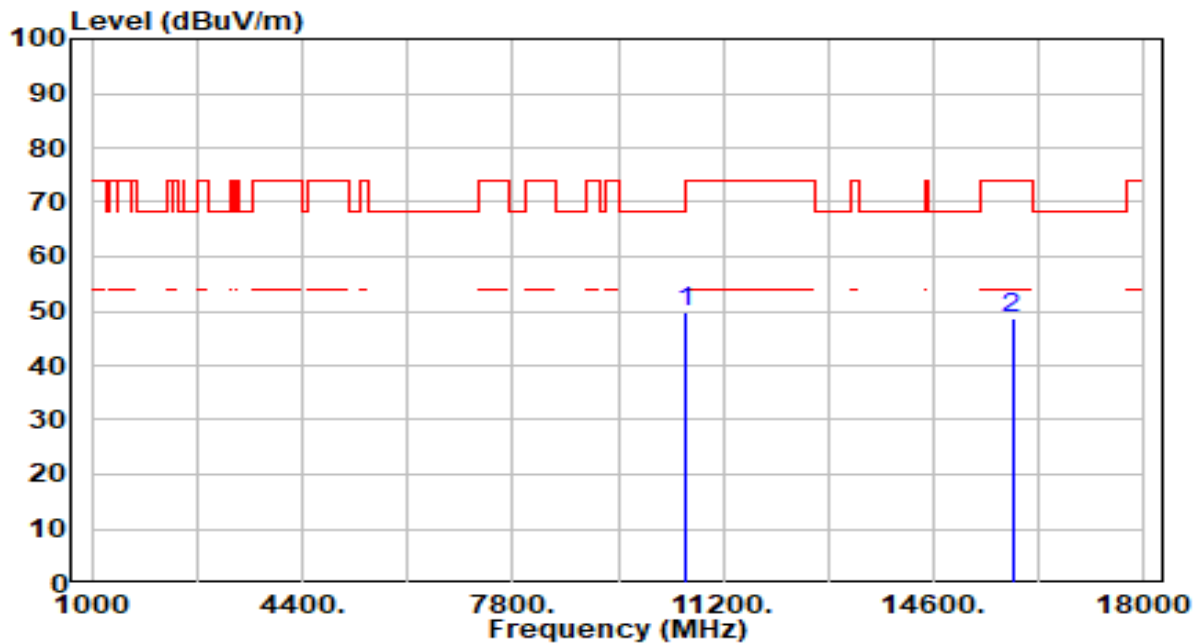


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10580.000	41.78	2.61	44.40	-23.80	68.20	200	0	Peak
2	15870.000	44.16	5.11	49.26	-24.74	74.00	200	241	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

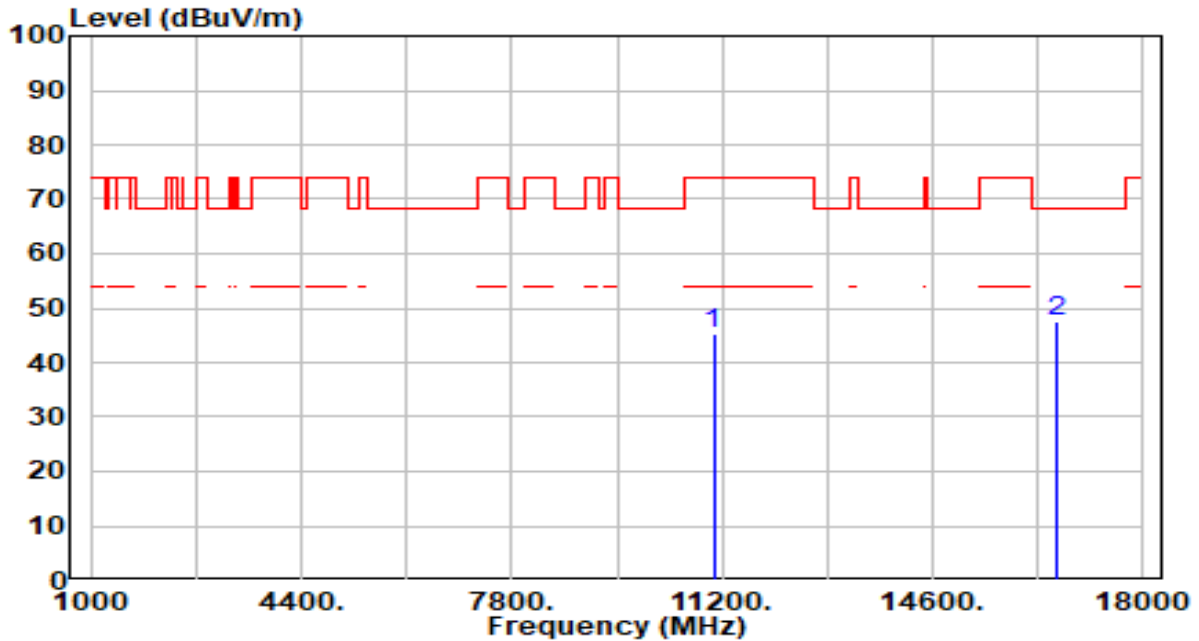


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 10580.000	47.19	2.61	49.80	-18.40	68.20	200	183	Peak
2	15870.000	43.63	5.11	48.74	-25.26	74.00	200	223	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

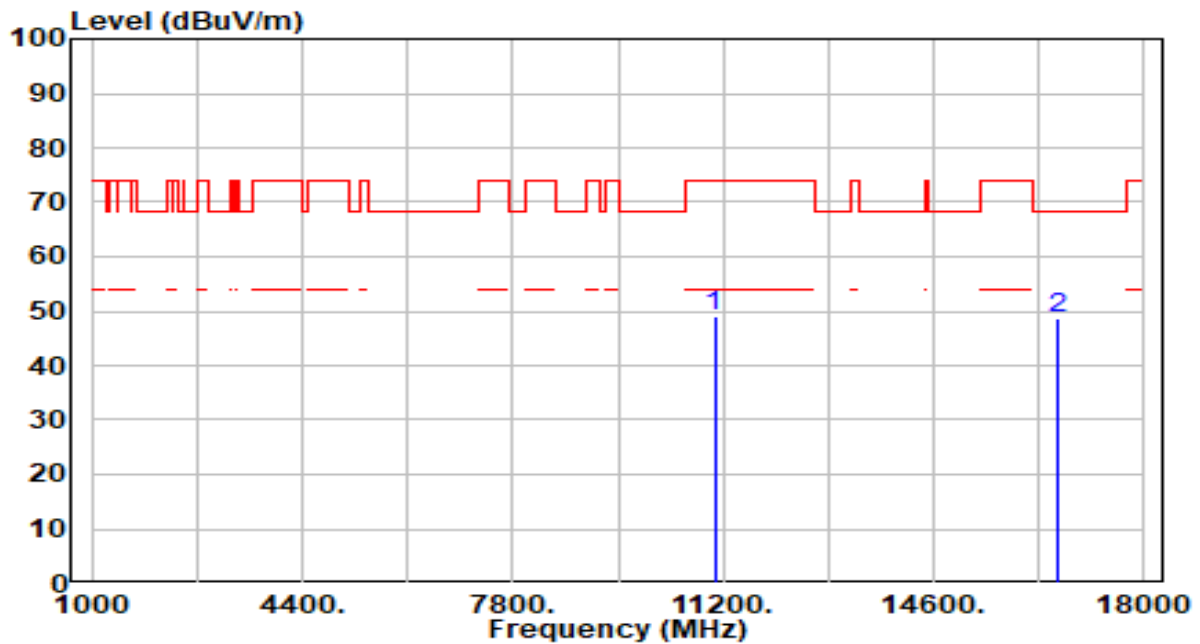


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	42.40	2.78	45.18	-28.82	74.00	200	15	Peak
2	* 16590.000	43.05	4.62	47.67	-20.53	68.20	200	217	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

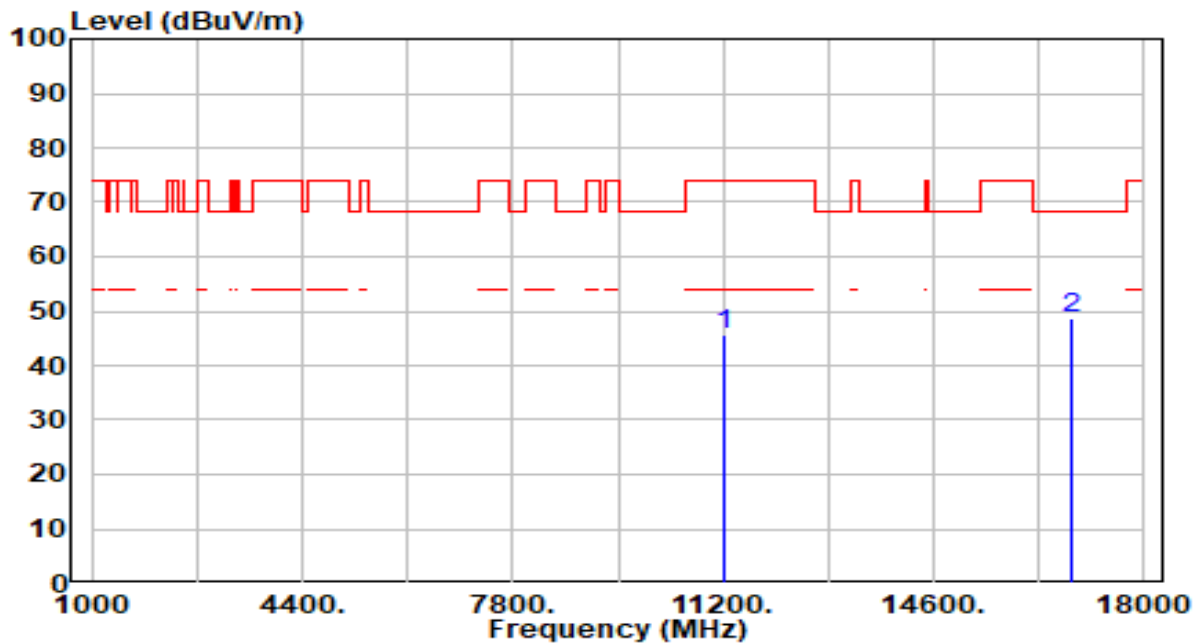


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11060.000	46.37	2.78	49.15	-24.85	74.00	200	213	Peak
2	* 16590.000	44.04	4.62	48.65	-19.55	68.20	200	256	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 122_ANT 0+1	Test Voltage	AC 120V/60Hz

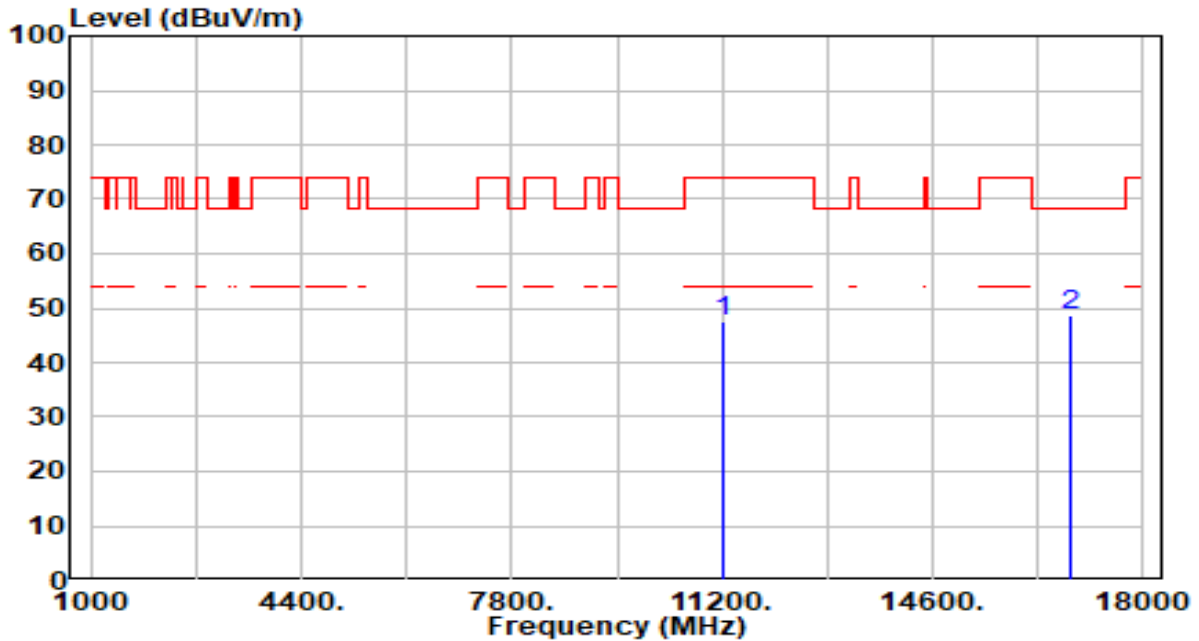


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	42.28	3.22	45.49	-28.51	74.00	200	186	Peak
2	* 16830.000	43.93	4.61	48.55	-19.65	68.20	200	200	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 122_ANT 0+1	Test Voltage	AC 120V/60Hz

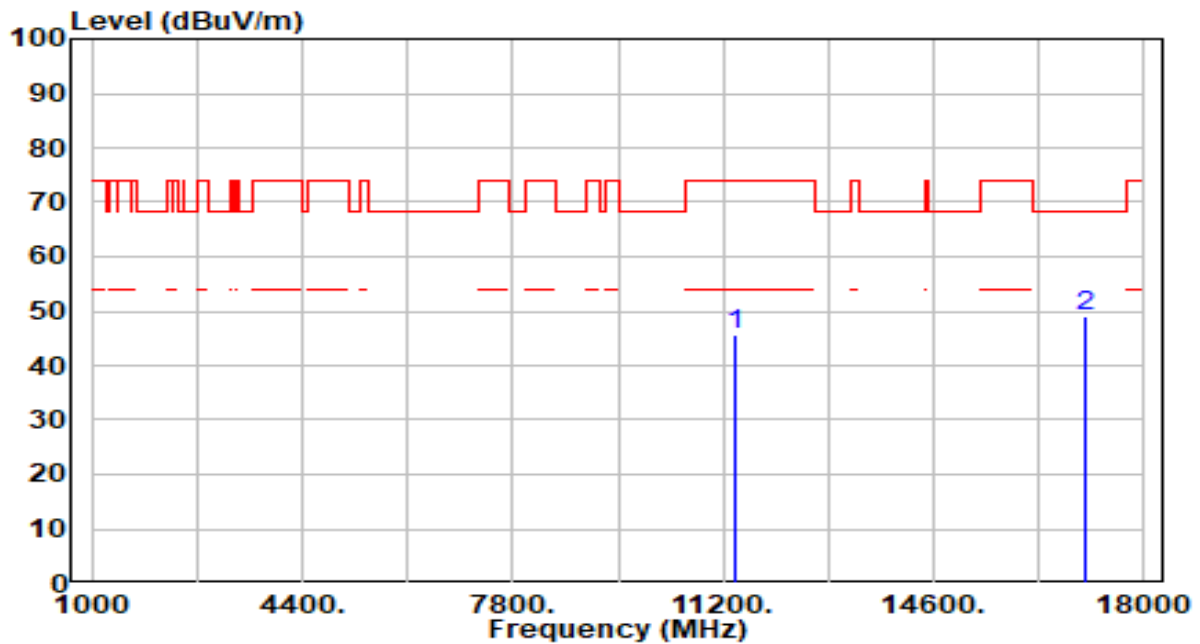


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11220.000	44.47	3.22	47.69	-26.31	74.00	200	189	Peak
2	* 16830.000	43.94	4.61	48.55	-19.65	68.20	200	146	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 138_ANT 0+1	Test Voltage	AC 120V/60Hz

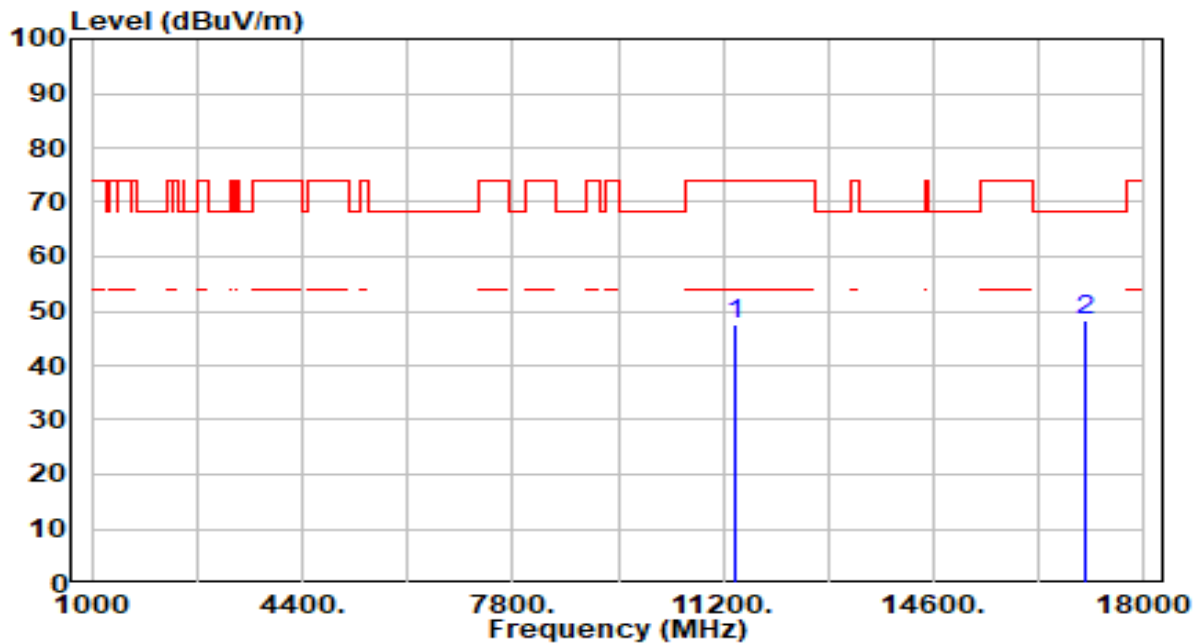


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	42.31	3.45	45.76	-28.24	74.00	200	360	Peak
2	* 17070.000	44.23	4.86	49.09	-19.11	68.20	200	109	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 138_ANT 0+1	Test Voltage	AC 120V/60Hz

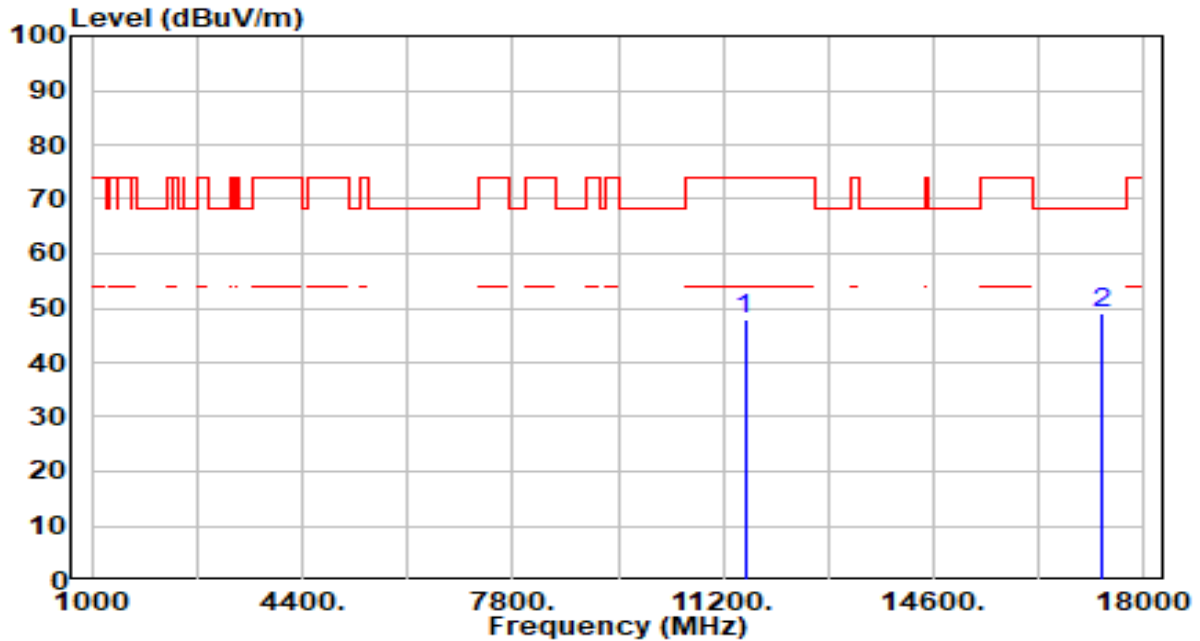


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11380.000	43.95	3.45	47.40	-26.60	74.00	200	360	Peak
2	* 17070.000	43.40	4.86	48.26	-19.94	68.20	200	205	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

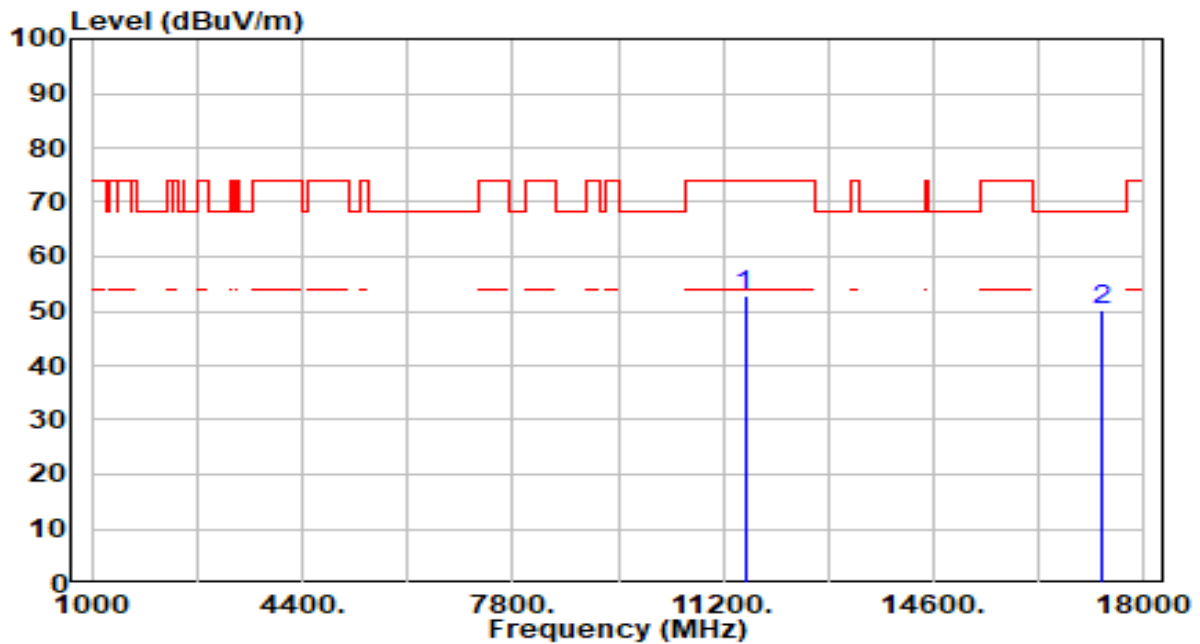


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	44.48	3.63	48.11	-25.89	74.00	200	359	Peak
2	* 17325.000	44.84	4.16	49.00	-19.20	68.20	200	85	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

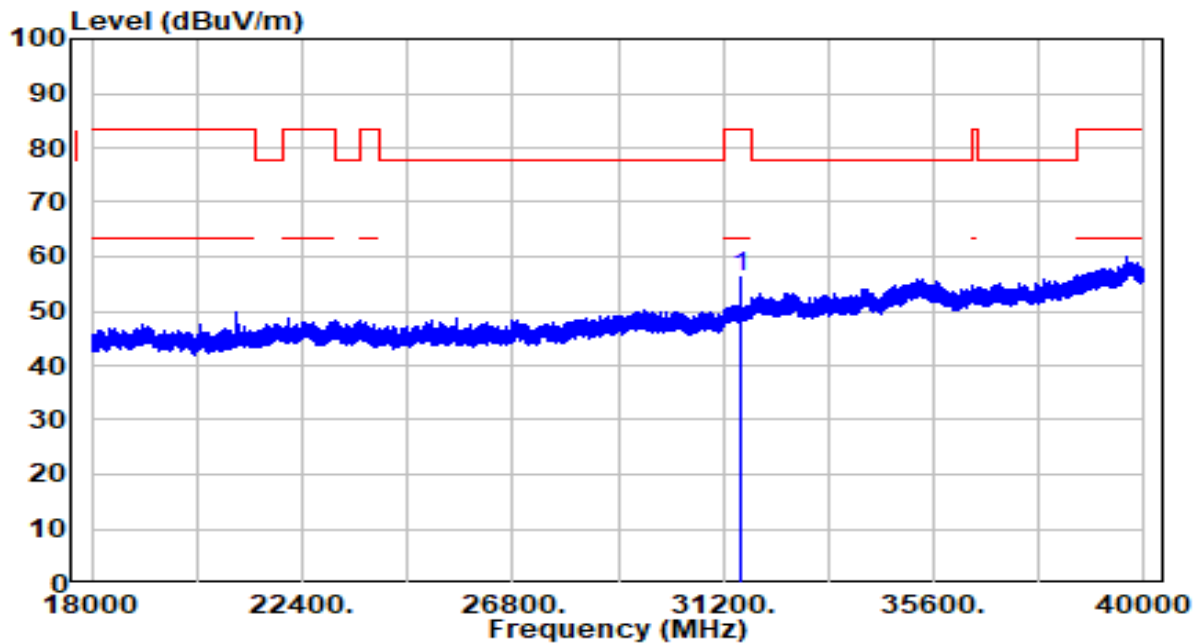


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	11550.000	49.29	3.63	52.91	-21.09	74.00	200	231	Peak
2	* 17325.000	46.02	4.16	50.17	-18.03	68.20	200	222	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-09-22
Factor	BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

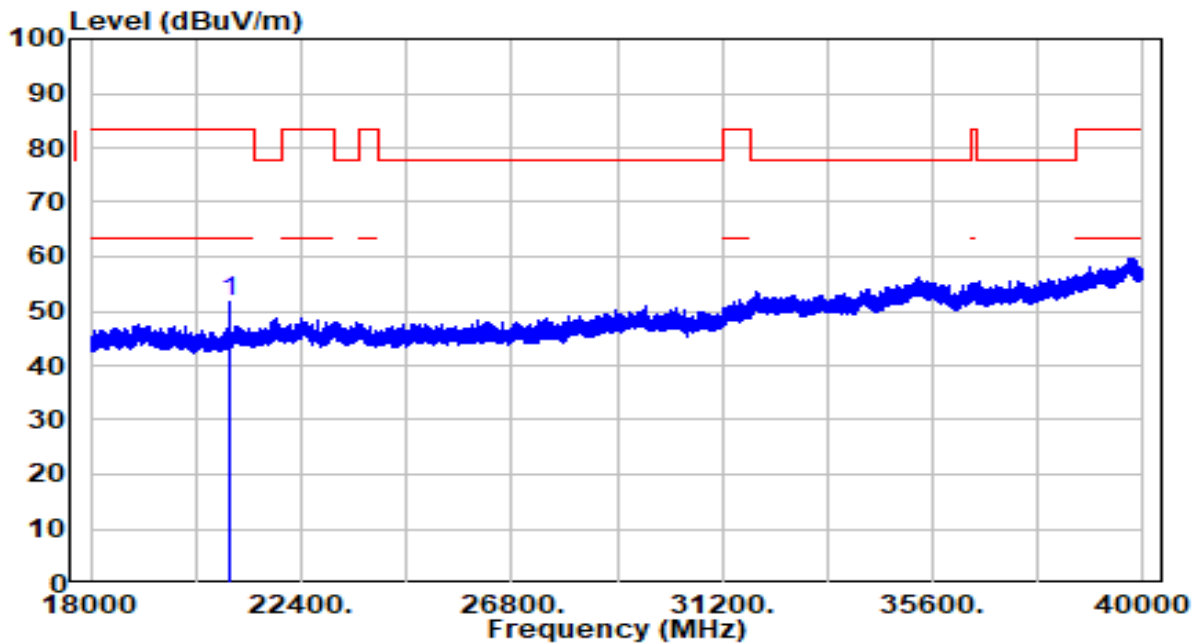


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 31567.810	38.26	18.01	56.27	-27.23	83.50	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-09-22
Factor	BBHA 9170	Temp. / Humidity	23°C /62%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 20879.940	40.96	10.84	51.80	-31.70	83.50	150	360	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB).
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.8. Radiated Restricted Band Edge Measurement

7.8.1. Test Limit

For 15.205 requirement:

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a).

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.25 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)
13.36 - 13.41	--	--	--

For 15.407(b) requirement:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Refer to KDB 789033 D02v02r01 G)2)c), as specified in § 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a maximum emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in § 15.407(b)(4)). However, an out-of-band emission that complies with both the peak and average limits of § 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz maximum emission limit.

All out of band emissions appearing in a restricted band as specified in Section 15.205 of the Title 47CFR must not exceed the limits shown in Table per Section 15.209.

FCC Part 15 Subpart C Paragraph 15.209		
Frequency [MHz]	Field Strength [V/m]	Measured Distance [Meters]
0.009 ~ 0.490	2400/F (kHz)	300
0.490 ~ 1.705	24000/F (kHz)	30
1.705 ~ 30	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

7.8.2. Test Procedure Used

KDB 789033 D02v02r01- Section G

7.8.3. Test Setting

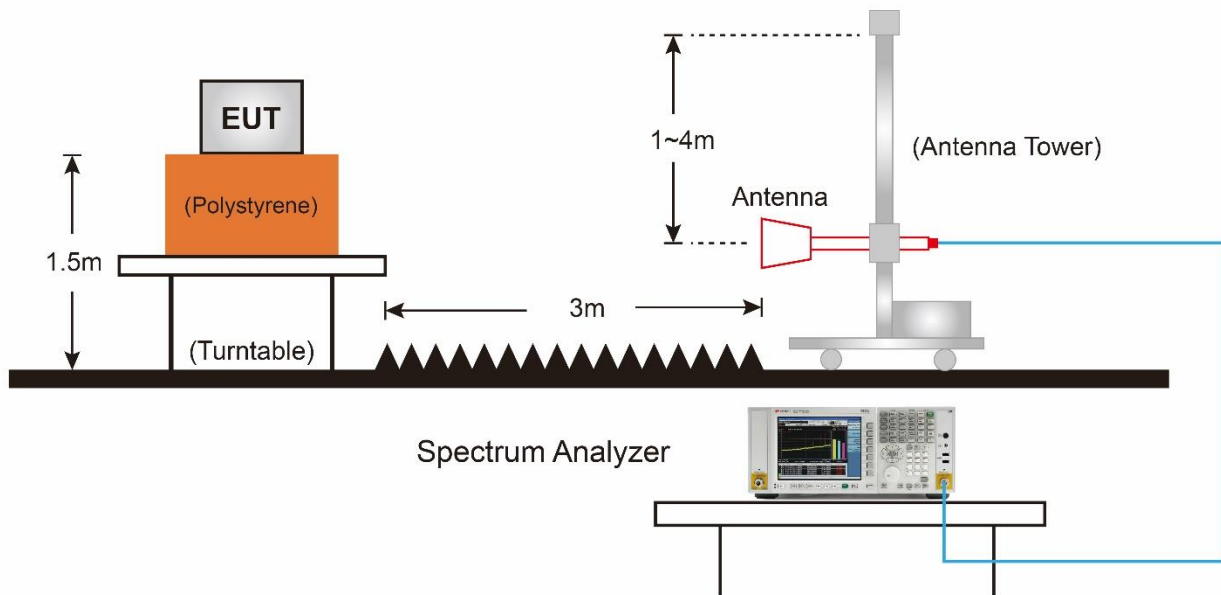
Peak Measurements above 1GHz

1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW = 3MHz
4. Detector = peak
5. Sweep time = auto couple
6. Trace mode = max hold
7. Trace was allowed to stabilize

Average Measurements above 1GHz (Method VB)

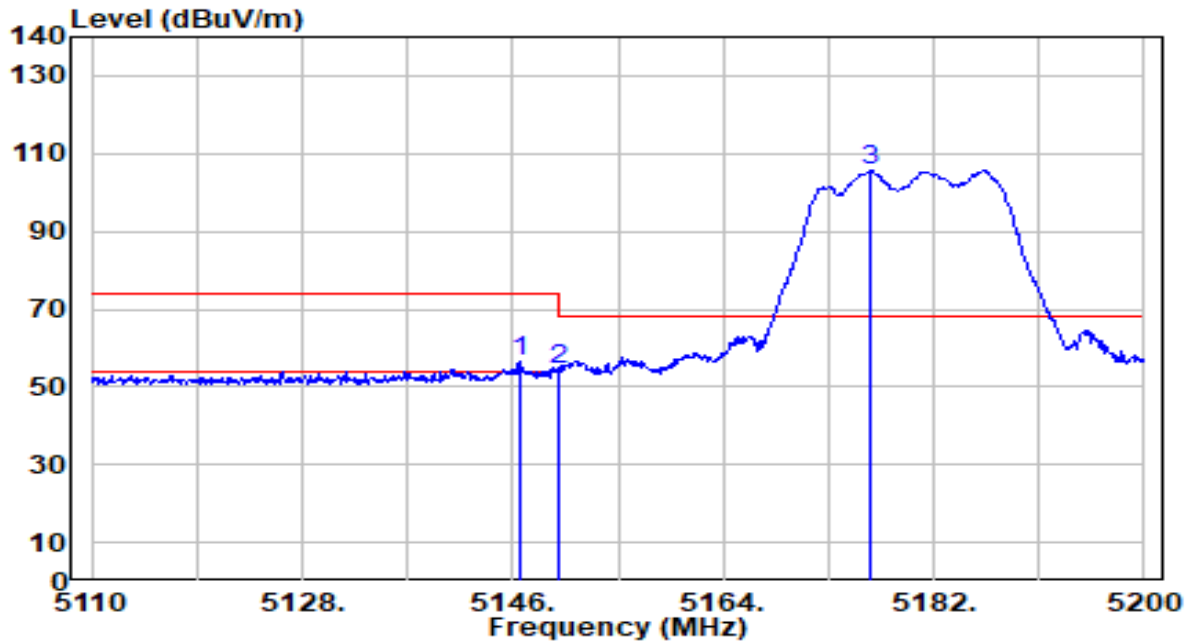
1. Analyzer center frequency was set to the frequency of the radiated spurious emission of interest
2. RBW = 1MHz
3. VBW If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz. If the EUT duty cycle is $< 98\%$, set $VBW \geq 1/T$.
4. Detector = Peak
5. Sweep time = auto
6. Allow max hold to run for at least 50 traces if the transmitted signal is continuous or has at least 98% duty cycle. For lower duty cycles, increase the minimum number of traces by a factor of $1/x$, where x is the duty cycle.

7.8.4. Test Setup



7.8.5. Test Result

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

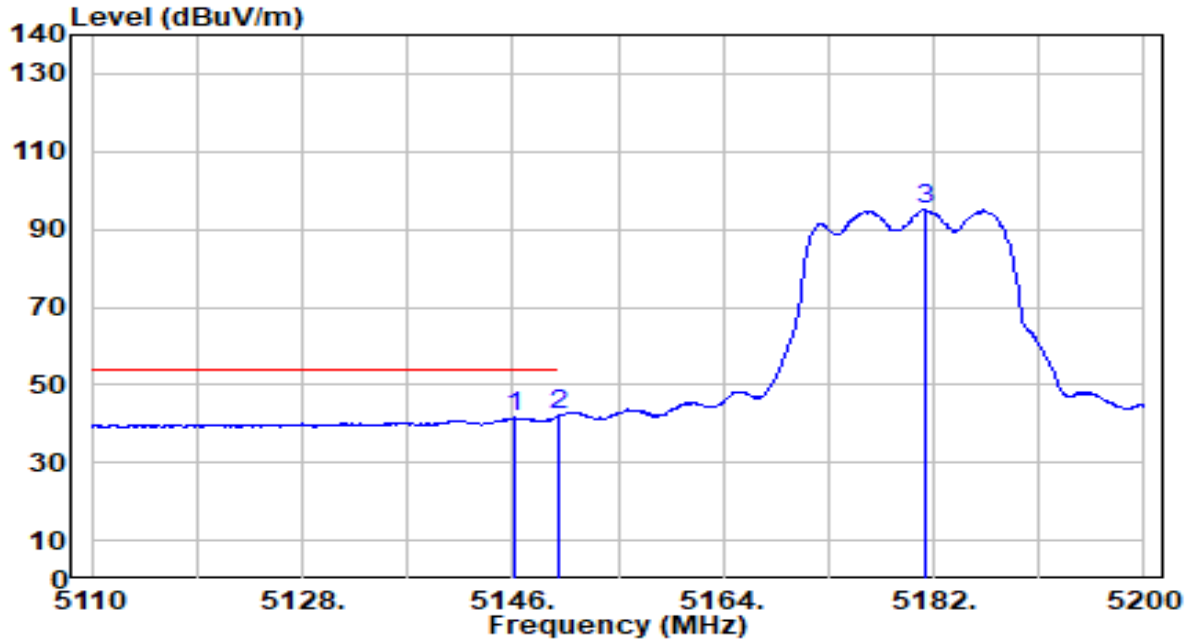


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5146.540	57.04	-0.72	56.32	-17.68	74.00	100	290	Peak
2	5150.000	55.29	-0.72	54.57	-19.43	74.00	100	290	Peak
3	5176.690	106.29	-0.73	105.56	N/A	N/A	100	290	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

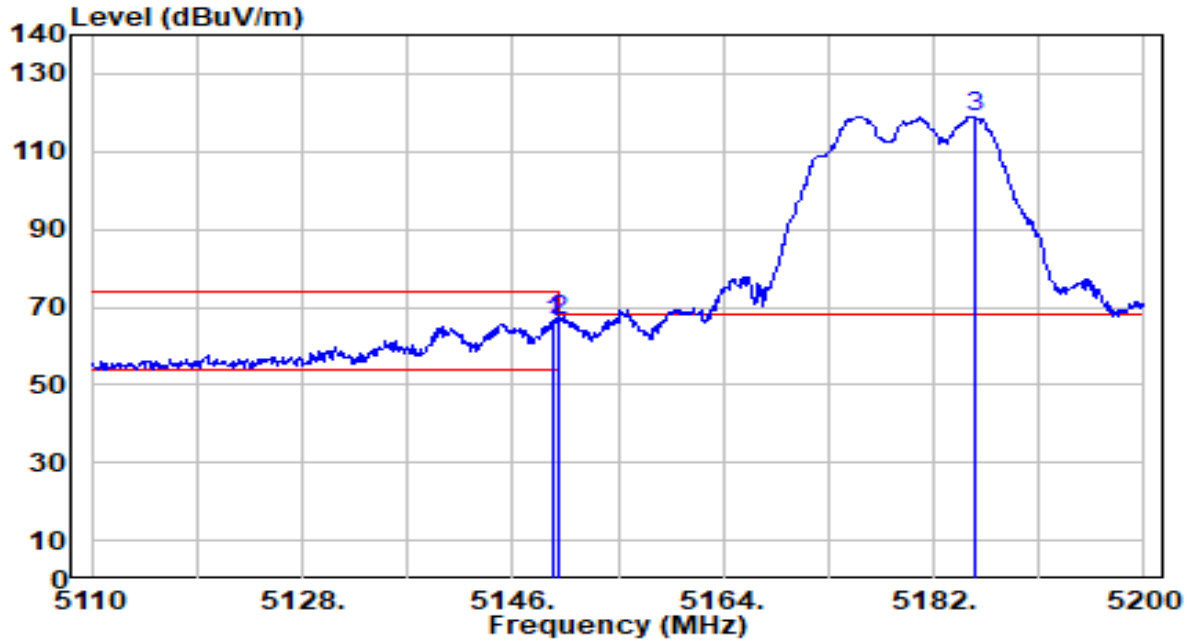


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5146.180	42.24	-0.72	41.52	-12.48	54.00	100	290	Average
2	* 5150.000	42.82	-0.72	42.11	-11.89	54.00	100	290	Average
3	5181.190	95.68	-0.73	94.95	N/A	N/A	100	290	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

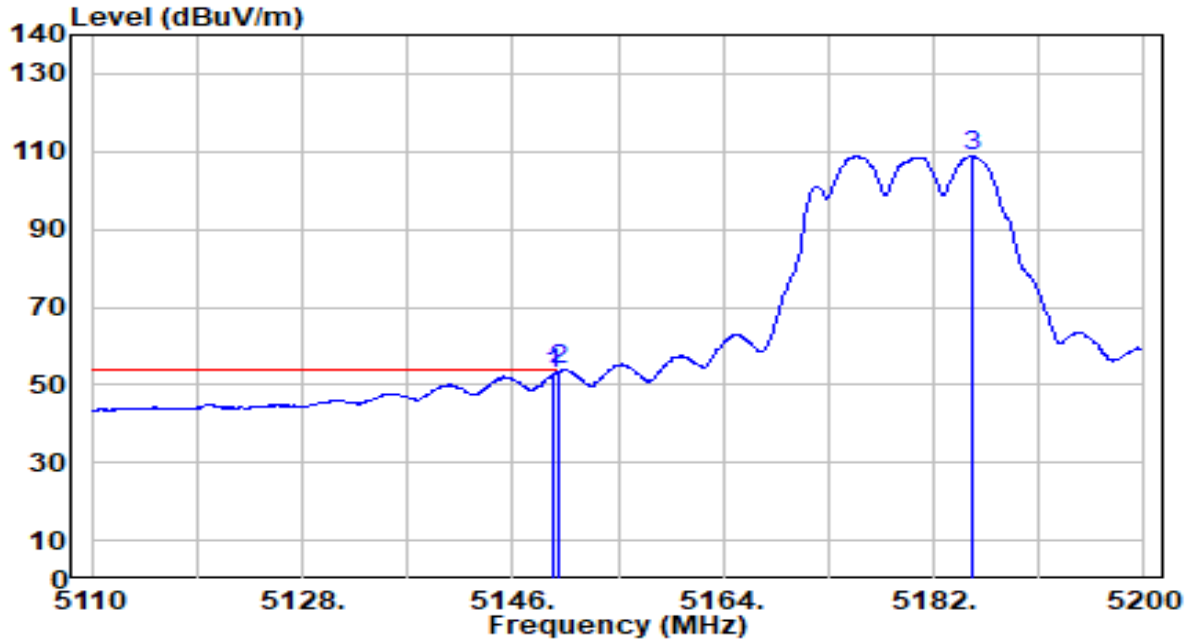


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.420	66.75	-0.72	66.03	-7.97	74.00	100	38	Peak
2	* 5150.000	67.30	-0.72	66.58	-7.42	74.00	100	38	Peak
3	5185.510	119.78	-0.74	119.04	N/A	N/A	100	38	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

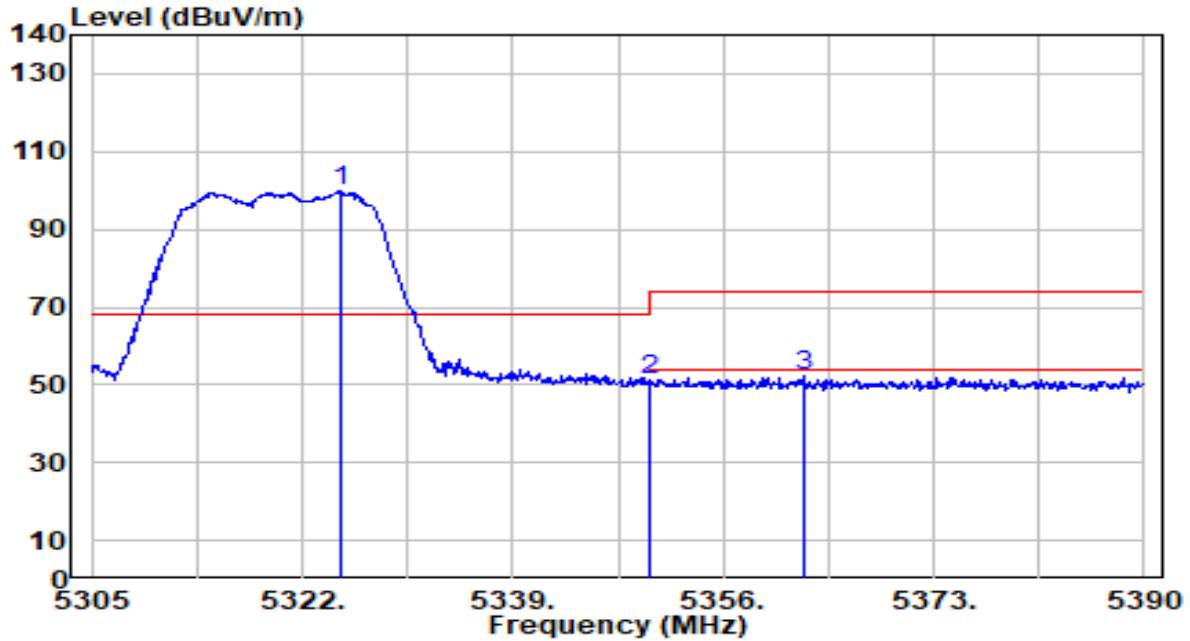


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.420	53.45	-0.72	52.73	-1.27	54.00	100	38	Average
2	* 5150.000	54.50	-0.72	53.79	-0.21	54.00	100	38	Average
3	5185.330	109.59	-0.74	108.86	N/A	N/A	100	38	Average

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

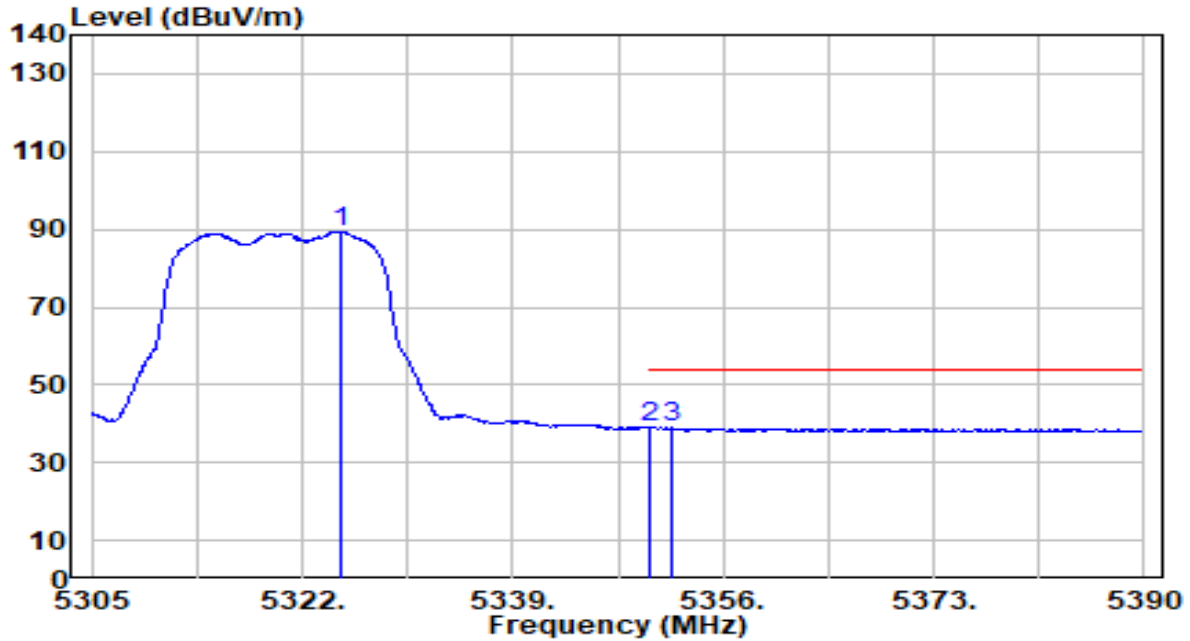


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5325.060	100.73	-0.93	99.80	N/A	N/A	100	327	Peak
2	5350.000	52.10	-0.97	51.13	-22.87	74.00	100	327	Peak
3	* 5362.460	53.46	-0.99	52.47	-21.53	74.00	100	327	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

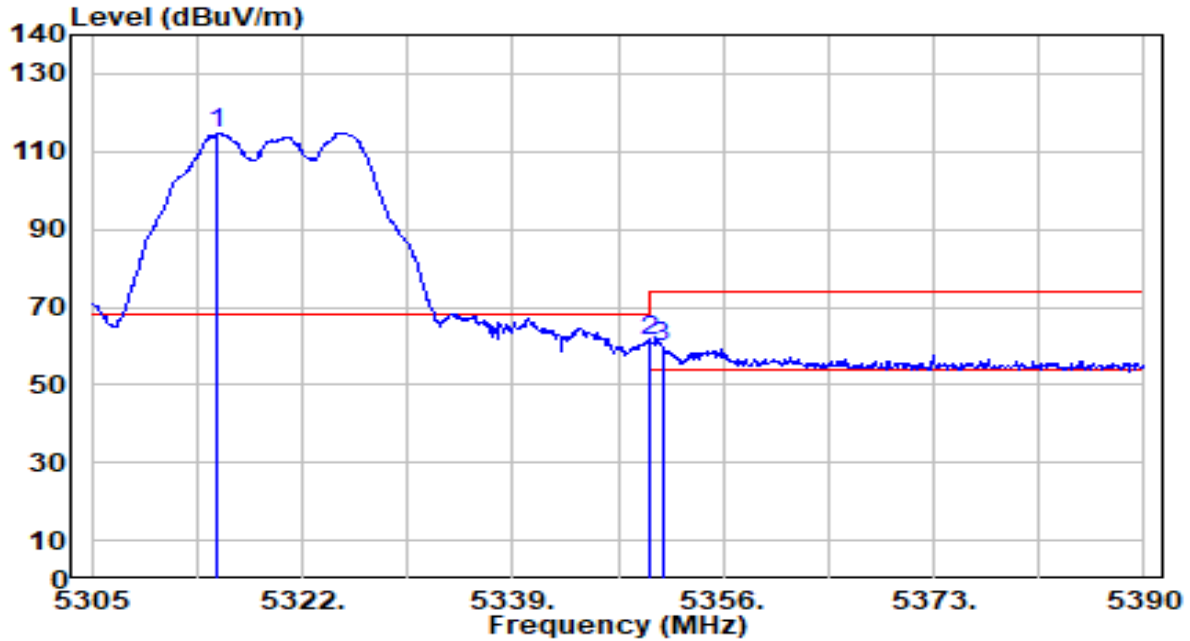


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5325.145	90.32	-0.93	89.39	N/A	N/A	100	327	Average
2	5350.000	39.92	-0.97	38.94	-15.06	54.00	100	327	Average
3	* 5351.920	39.92	-0.97	38.95	-15.05	54.00	100	327	Average

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

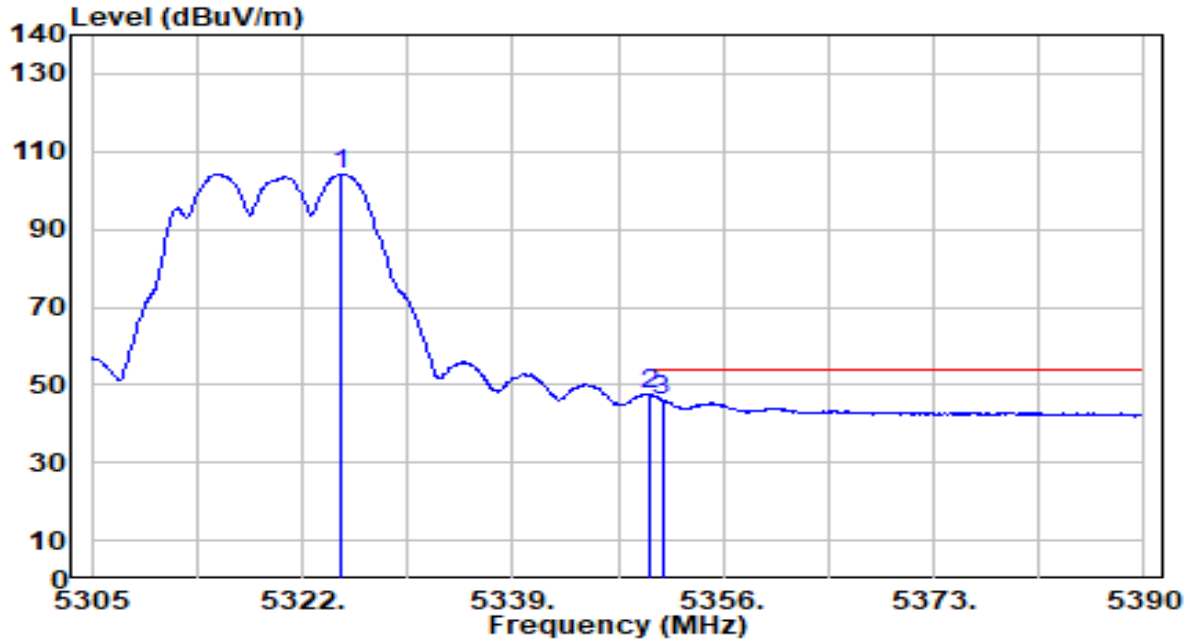


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5315.200	115.76	-0.92	114.84	N/A	N/A	100	38	Peak
2	* 5350.000	62.28	-0.97	61.30	-12.70	74.00	100	38	Peak
3	5351.070	60.42	-0.97	59.45	-14.55	74.00	100	38	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

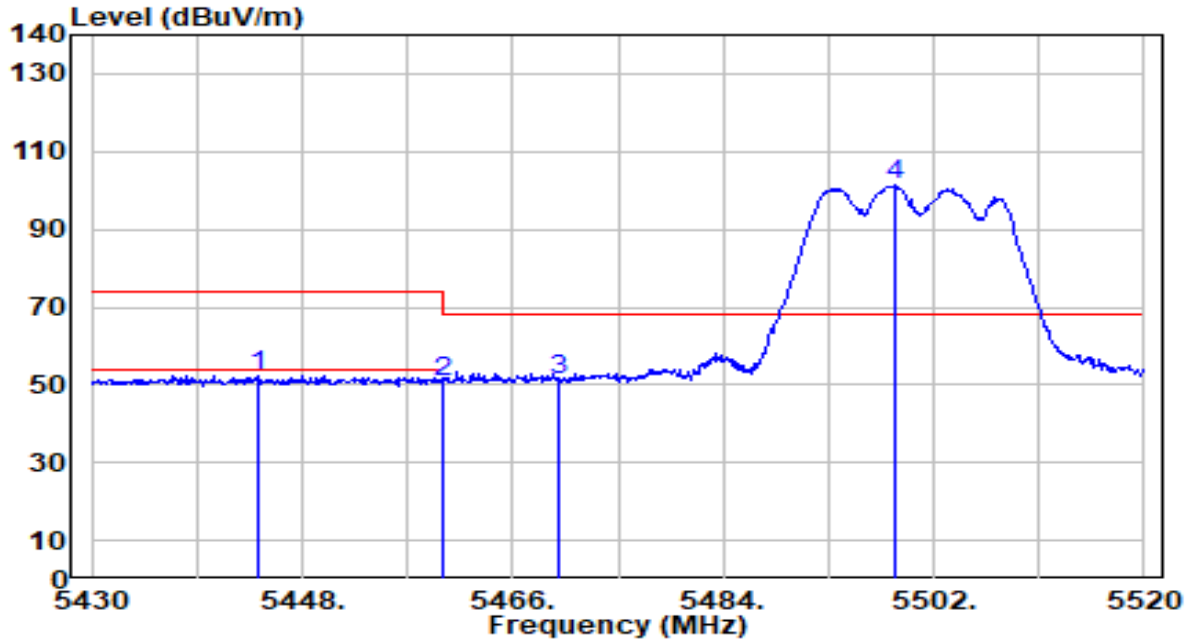


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5325.230	105.24	-0.93	104.30	N/A	N/A	100	38	Average
2	* 5350.000	48.64	-0.97	47.67	-6.33	54.00	100	38	Average
3	5351.070	47.20	-0.97	46.22	-7.78	54.00	100	38	Average

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

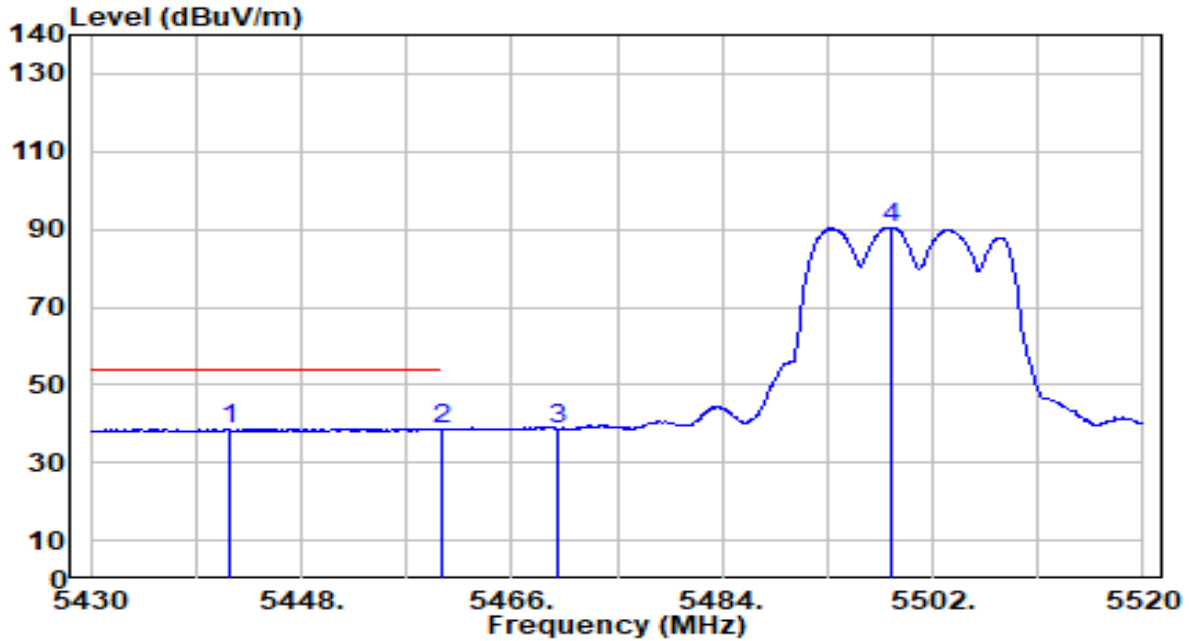


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5444.130	53.29	-0.92	52.37	-21.63	74.00	100	240	Peak
2	5460.000	51.54	-0.87	50.67	-23.33	74.00	100	240	Peak
3	* 5470.000	52.25	-0.84	51.41	-16.79	68.20	100	240	Peak
4	5498.670	102.11	-0.75	101.36	N/A	N/A	100	240	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

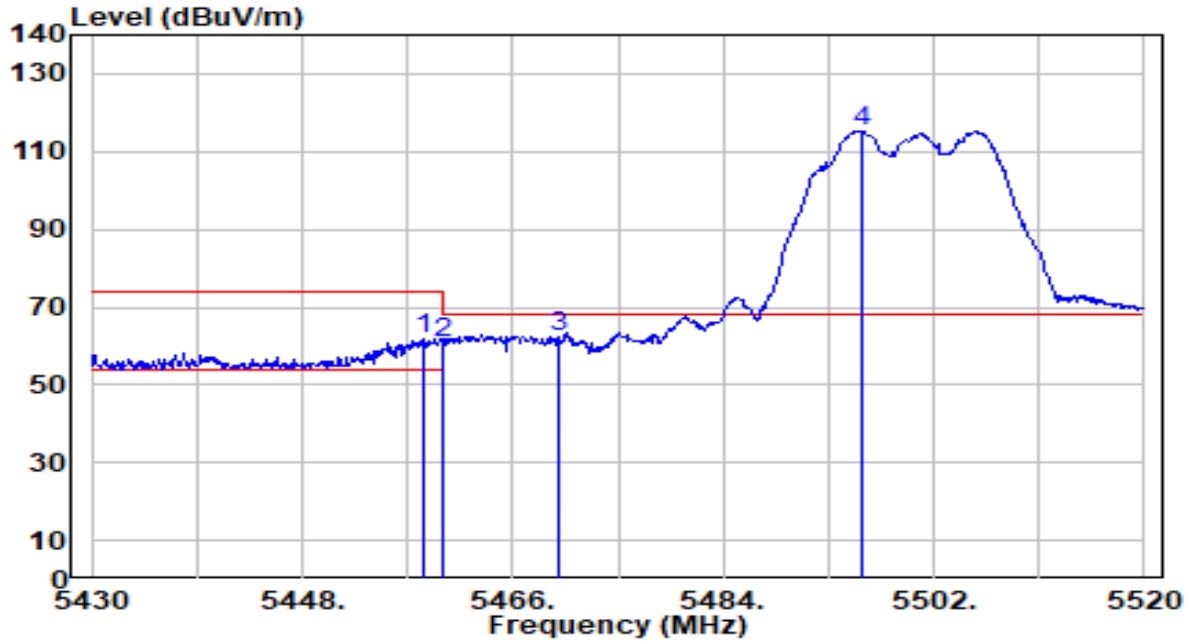


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5441.790	39.55	-0.92	38.62	-15.38	54.00	100	240	Average
2	5460.000	39.39	-0.87	38.52	-15.48	54.00	100	240	Average
3	5470.000	39.66	-0.84	38.82	N/A	N/A	100	240	Average
4	5498.400	91.17	-0.75	90.42	N/A	N/A	100	240	Average

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

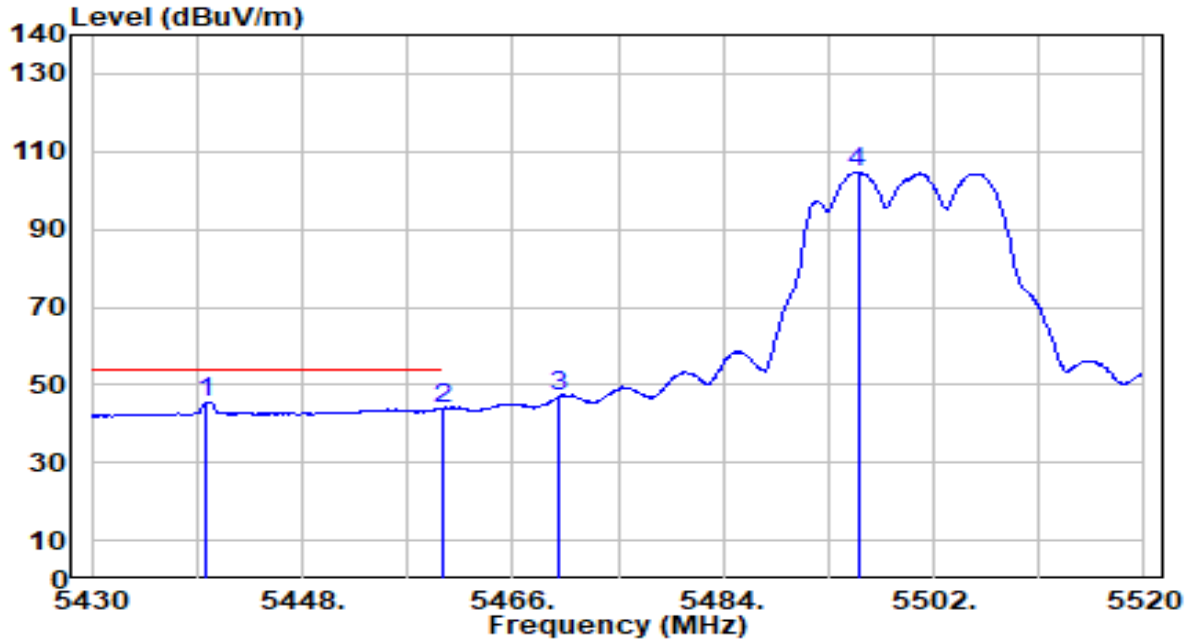


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.440	62.53	-0.87	61.66	-12.34	74.00	133	16	Peak
2	5460.000	61.84	-0.87	60.97	-13.03	74.00	133	16	Peak
3	* 5470.000	63.18	-0.84	62.34	-5.86	68.20	133	16	Peak
4	5495.790	116.19	-0.76	115.43	N/A	N/A	133	16	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

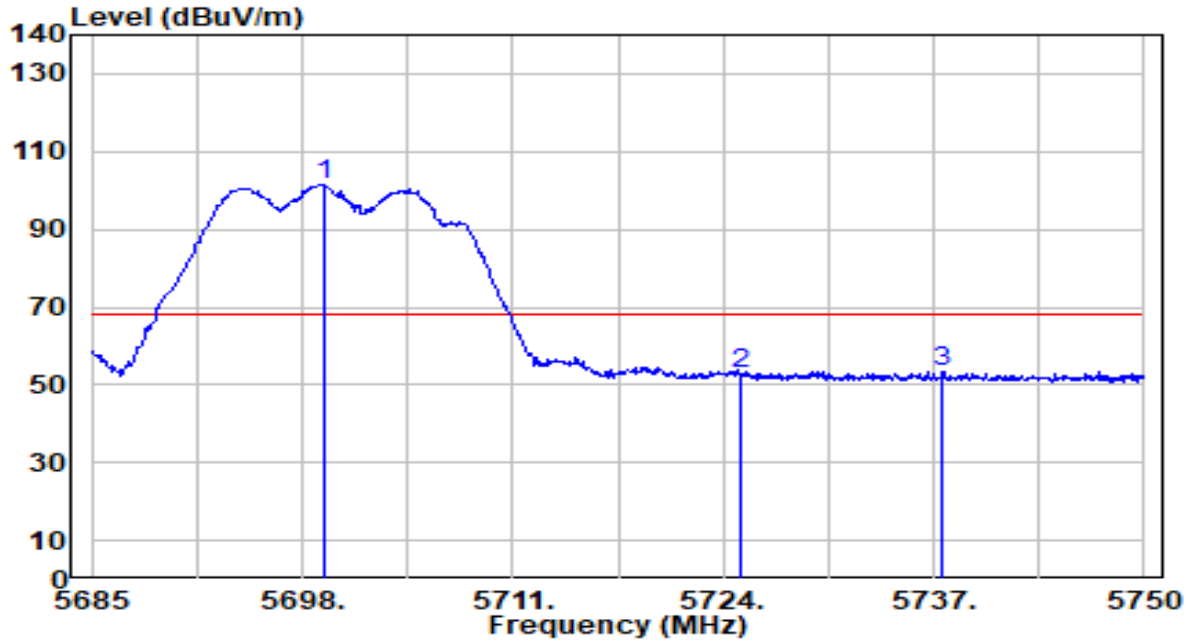


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5439.810	46.62	-0.93	45.69	-8.31	54.00	133	16	Average
2	5460.000	44.85	-0.87	43.98	-10.02	54.00	133	16	Average
3	5470.000	47.88	-0.84	47.04	N/A	N/A	133	16	Average
4	5495.520	105.36	-0.76	104.60	N/A	N/A	133	16	Average

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

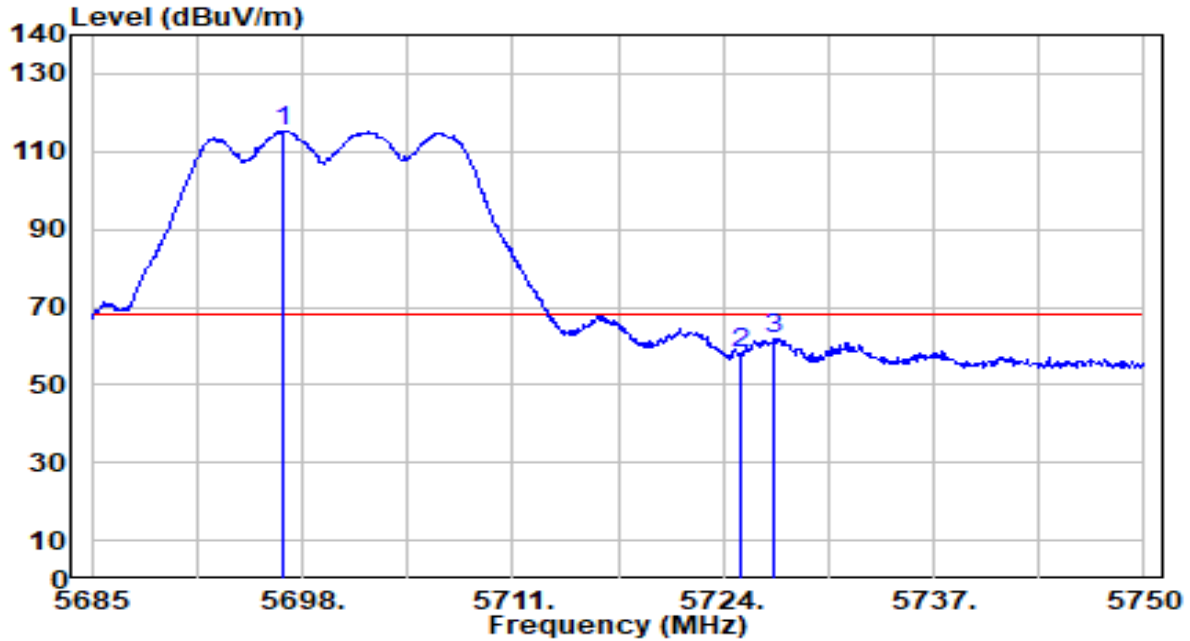


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5699.300	101.36	0.09	101.45	N/A	N/A	116	239	Peak
2	5725.000	52.57	0.23	52.80	-15.40	68.20	116	239	Peak
3	* 5737.585	53.22	0.29	53.52	-14.68	68.20	116	239	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

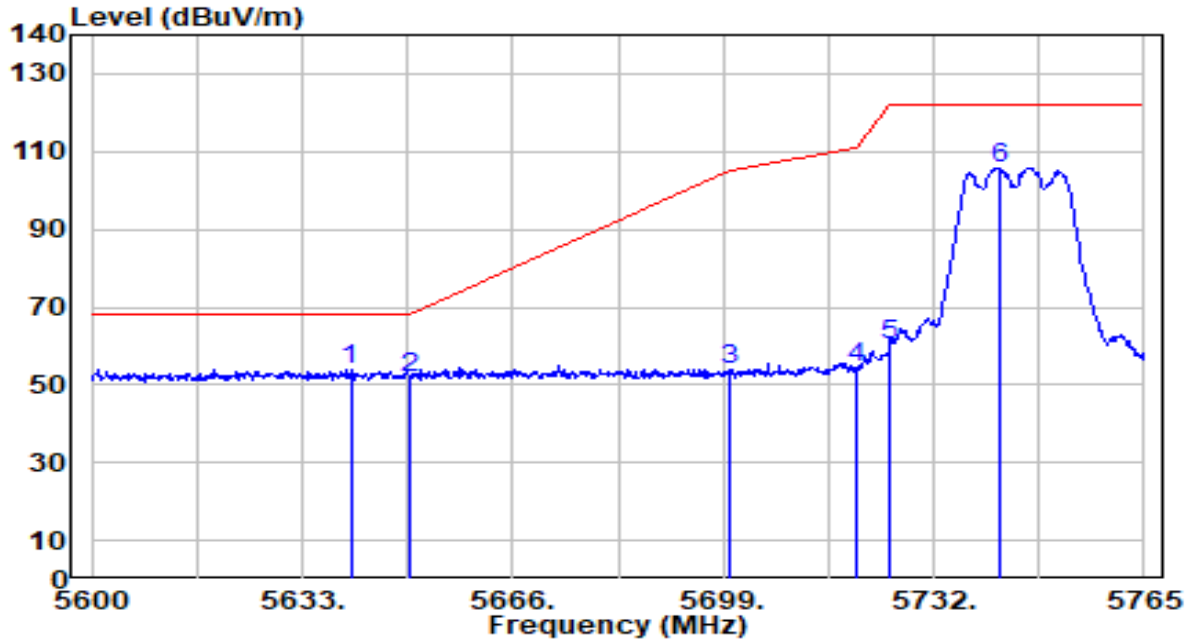


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5696.895	115.16	0.08	115.24	N/A	N/A	171	13	Peak
2	5725.000	58.02	0.23	58.25	-9.95	68.20	171	13	Peak
3	* 5727.120	61.52	0.24	61.76	-6.44	68.20	171	13	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

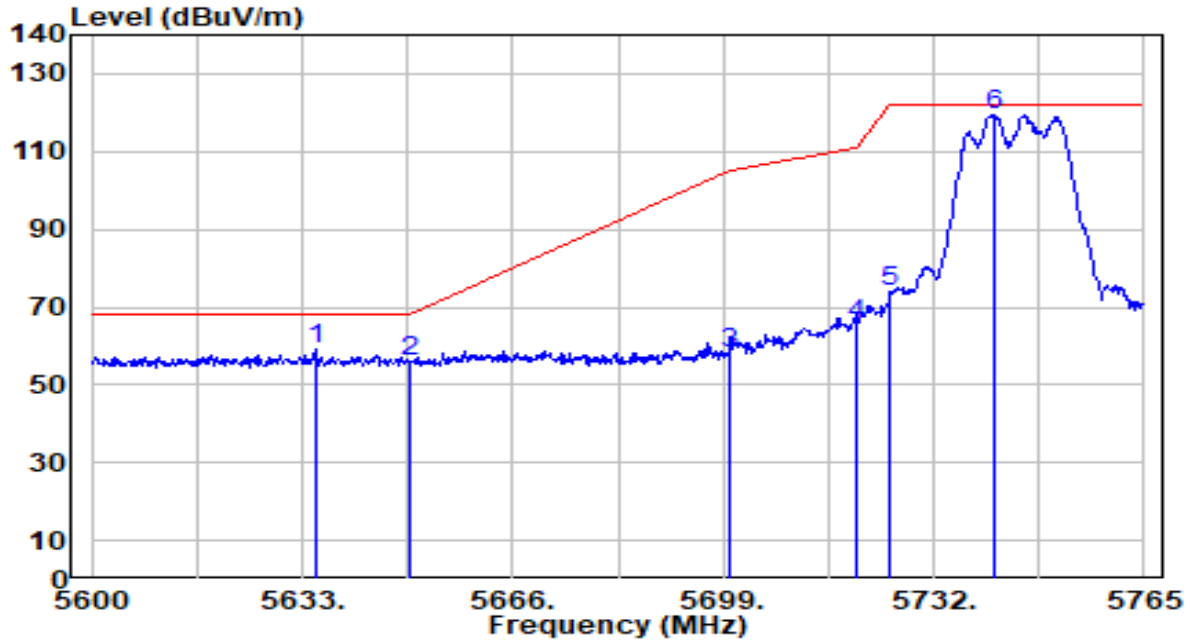


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5640.590	54.34	-0.21	54.13	-14.07	68.20	300	276	Peak
2	5650.000	52.07	-0.16	51.90	-16.30	68.20	300	276	Peak
3	5700.000	53.92	0.10	54.02	-51.18	105.20	300	276	Peak
4	5720.000	54.12	0.20	54.32	-56.48	110.80	300	276	Peak
5	5725.000	60.05	0.23	60.27	-61.93	122.20	300	276	Peak
6	5742.230	105.60	0.32	105.92	N/A	N/A	300	276	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

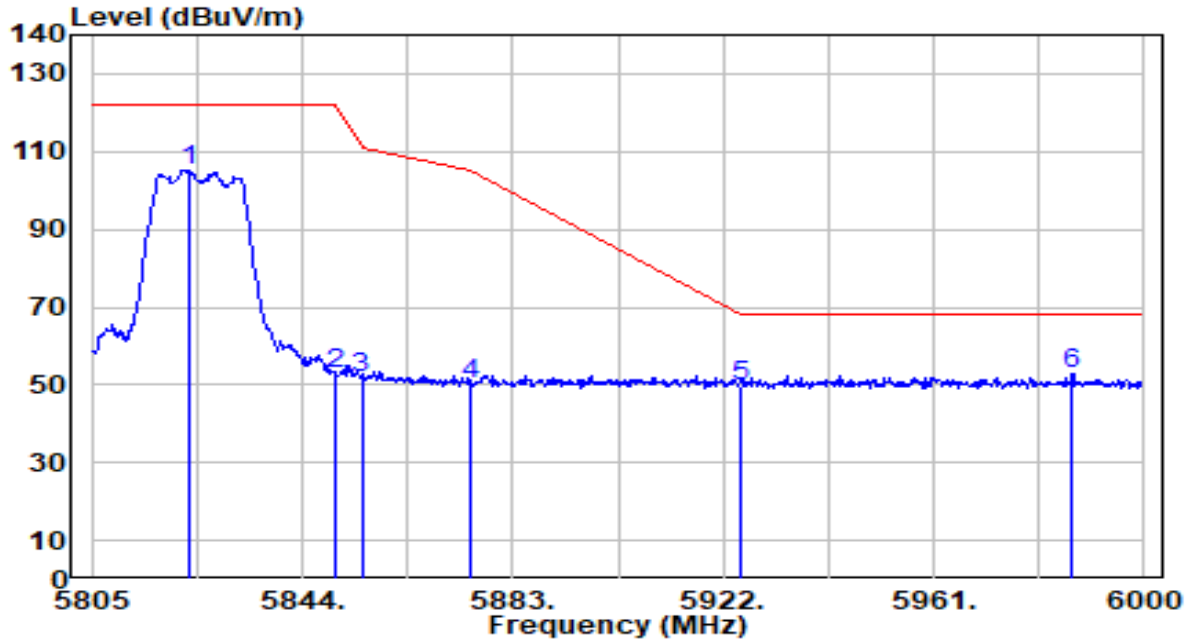


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5634.980	59.39	-0.24	59.15	-9.05	68.20	199	169	Peak
2	5650.000	56.26	-0.16	56.09	-12.11	68.20	199	169	Peak
3	5700.000	58.24	0.10	58.34	-46.86	105.20	199	169	Peak
4	5720.000	65.46	0.20	65.66	-45.14	110.80	199	169	Peak
5	5725.000	73.59	0.23	73.82	-48.38	122.20	199	169	Peak
6	5741.405	119.23	0.31	119.55	N/A	N/A	199	169	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

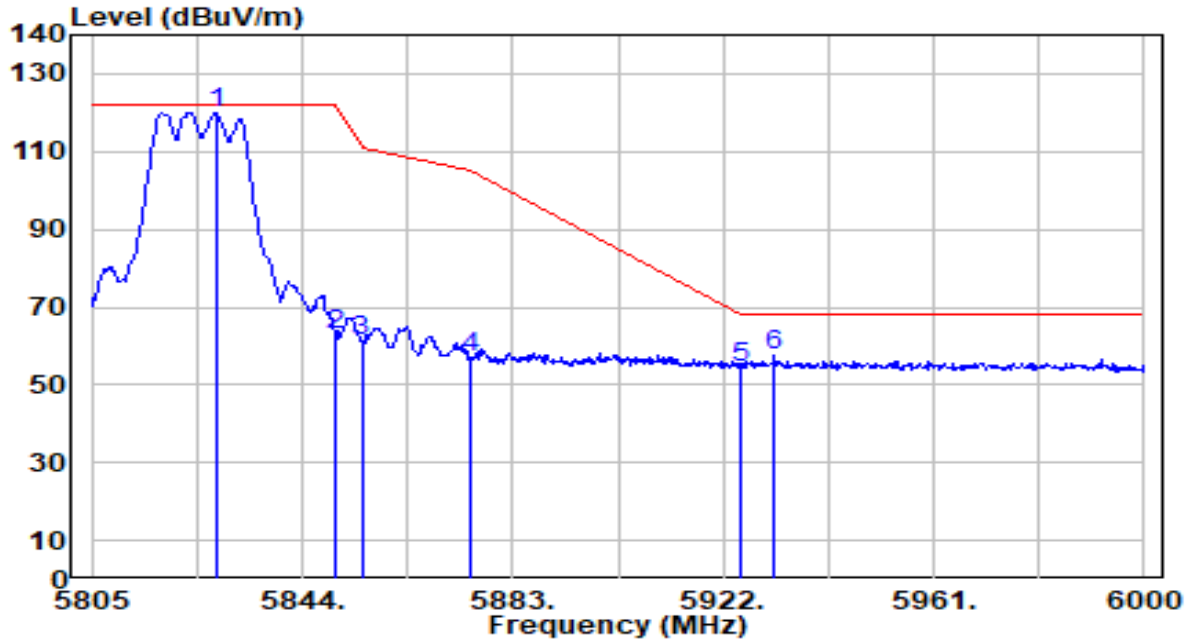


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5822.940	104.56	0.60	105.17	N/A	N/A	300	280	Peak
2	5850.000	52.19	0.58	52.78	-69.42	122.20	300	280	Peak
3	5855.000	51.16	0.58	51.74	-59.06	110.80	300	280	Peak
4	5875.000	49.65	0.57	50.22	-54.98	105.20	300	280	Peak
5	5925.000	49.03	0.53	49.55	-18.65	68.20	300	280	Peak
6	* 5986.740	52.18	0.48	52.66	-15.54	68.20	300	280	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11a_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

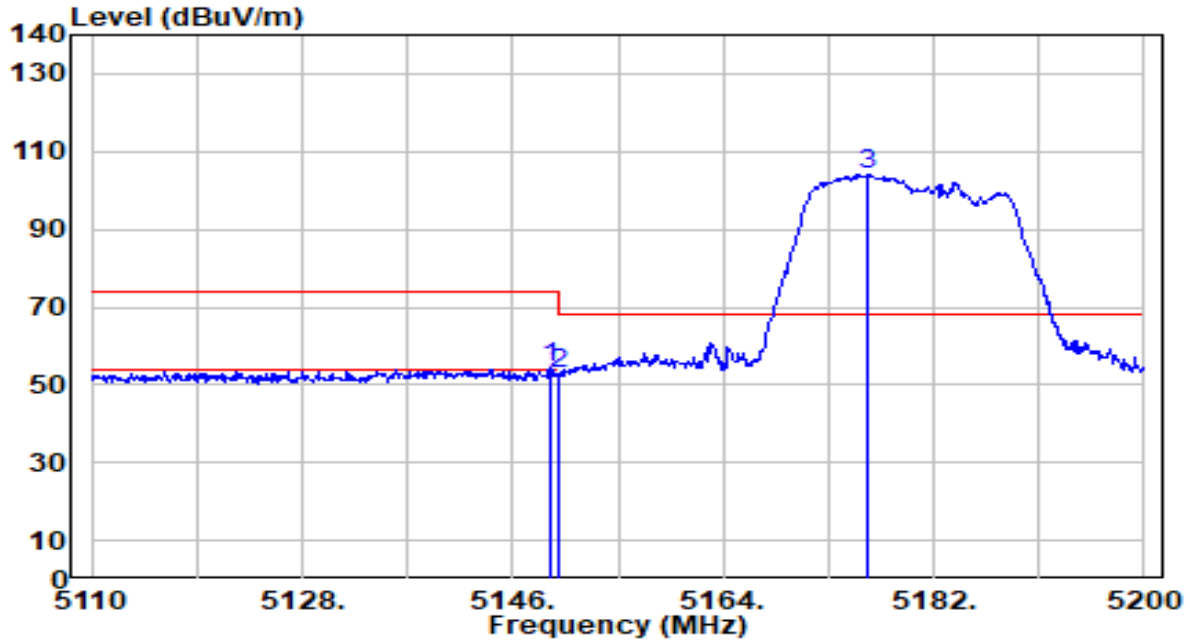


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5828.010	119.42	0.60	120.02	N/A	N/A	167	341	Peak
2	5850.000	62.51	0.58	63.09	-59.11	122.20	167	341	Peak
3	5855.000	60.44	0.58	61.02	-49.78	110.80	167	341	Peak
4	5875.000	56.28	0.57	56.84	-48.36	105.20	167	341	Peak
5	5925.000	54.11	0.53	54.64	-13.56	68.20	167	341	Peak
6	* 5931.360	56.80	0.52	57.32	-10.88	68.20	167	341	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

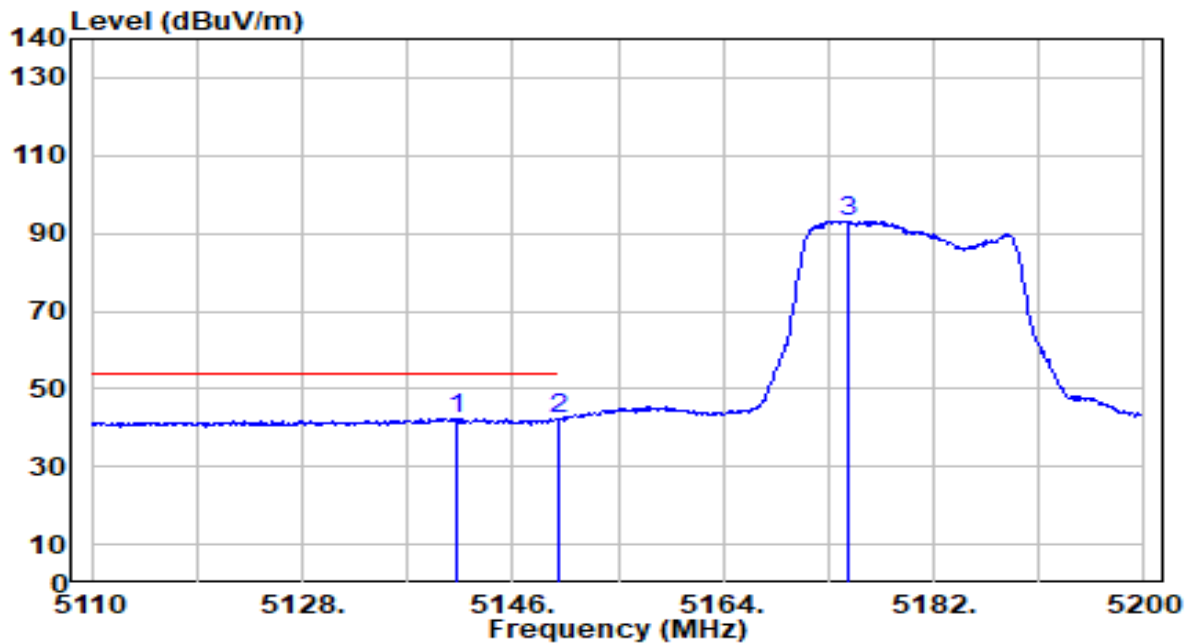


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5149.330	55.01	-0.72	54.29	-19.71	74.00	100	290	Peak
2	5150.000	53.62	-0.72	52.91	-21.09	74.00	100	290	Peak
3	5176.420	105.00	-0.73	104.27	N/A	N/A	100	290	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Pre-amplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

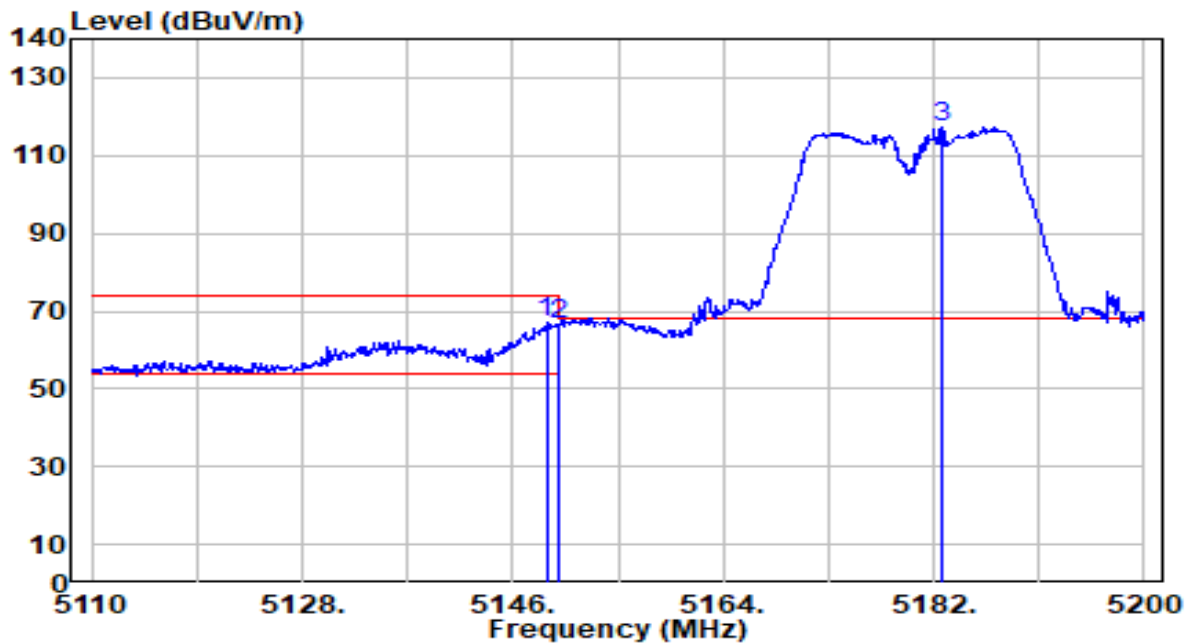


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5141.140	43.23	-0.71	42.52	-11.48	54.00	100	290	Average
2	5150.000	43.19	-0.72	42.47	-11.53	54.00	100	290	Average
3	5174.620	93.90	-0.73	93.17	N/A	N/A	100	290	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

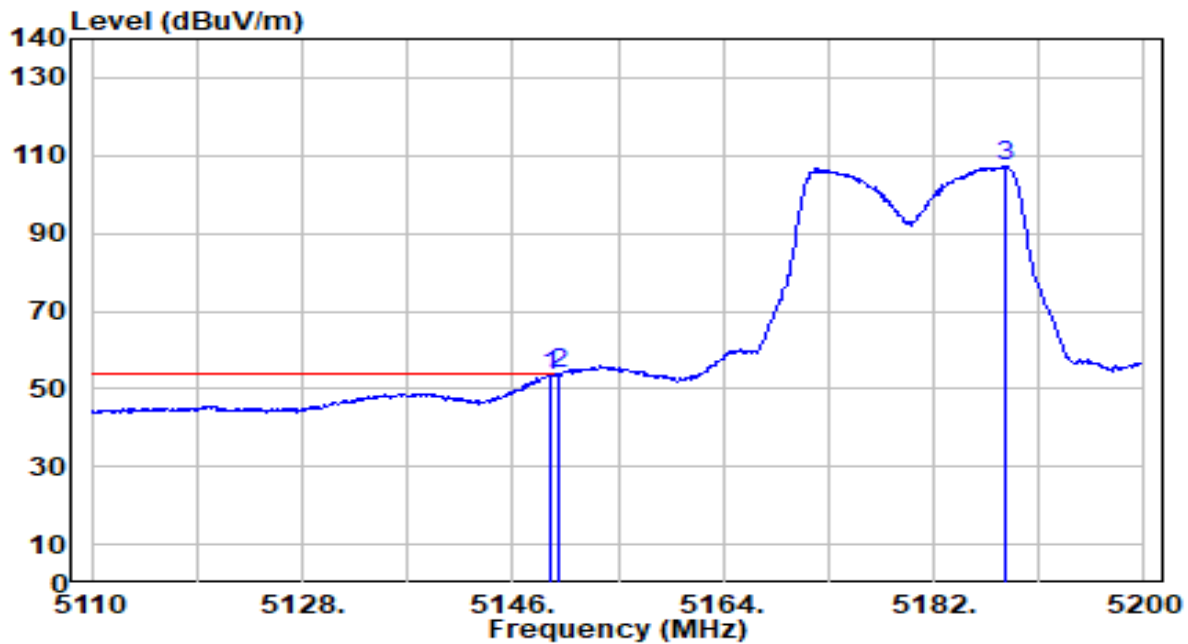


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5148.880	68.07	-0.72	67.35	-6.65	74.00	100	36	Peak
2	5150.000	67.16	-0.72	66.44	-7.56	74.00	100	36	Peak
3	5182.630	118.13	-0.73	117.39	N/A	N/A	100	36	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band1_CH 36_ANT 0+1	Test Voltage	AC 120V/60Hz

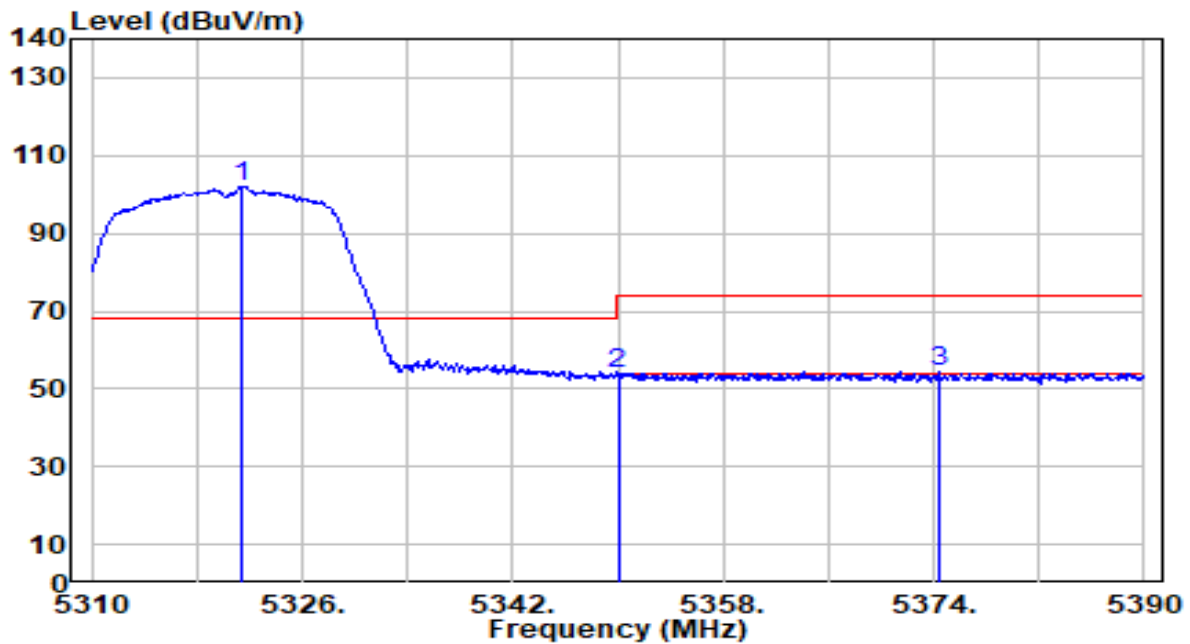


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.150	54.15	-0.72	53.44	-0.56	54.00	100	36	Average
2	* 5150.000	54.43	-0.72	53.72	-0.28	54.00	100	36	Average
3	5188.120	108.23	-0.74	107.50	N/A	N/A	100	36	Average

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

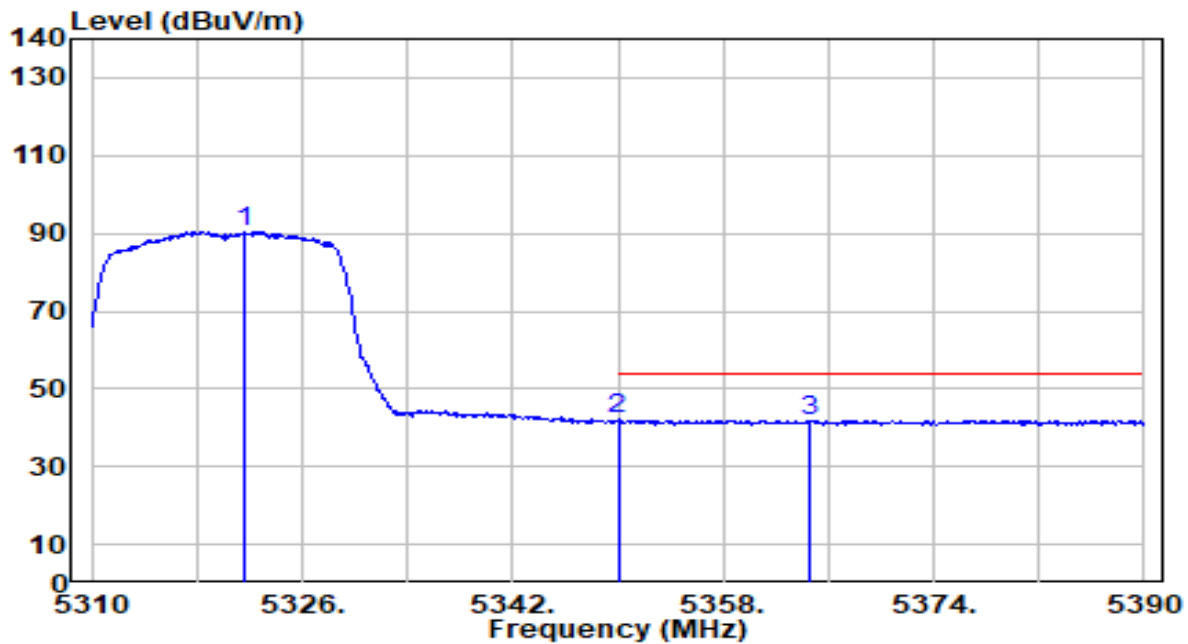


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5321.440	103.00	-0.93	102.07	N/A	N/A	100	327	Peak
2	5350.000	54.65	-0.97	53.67	-20.33	74.00	100	327	Peak
3	* 5374.400	55.54	-1.01	54.53	-19.47	74.00	100	327	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

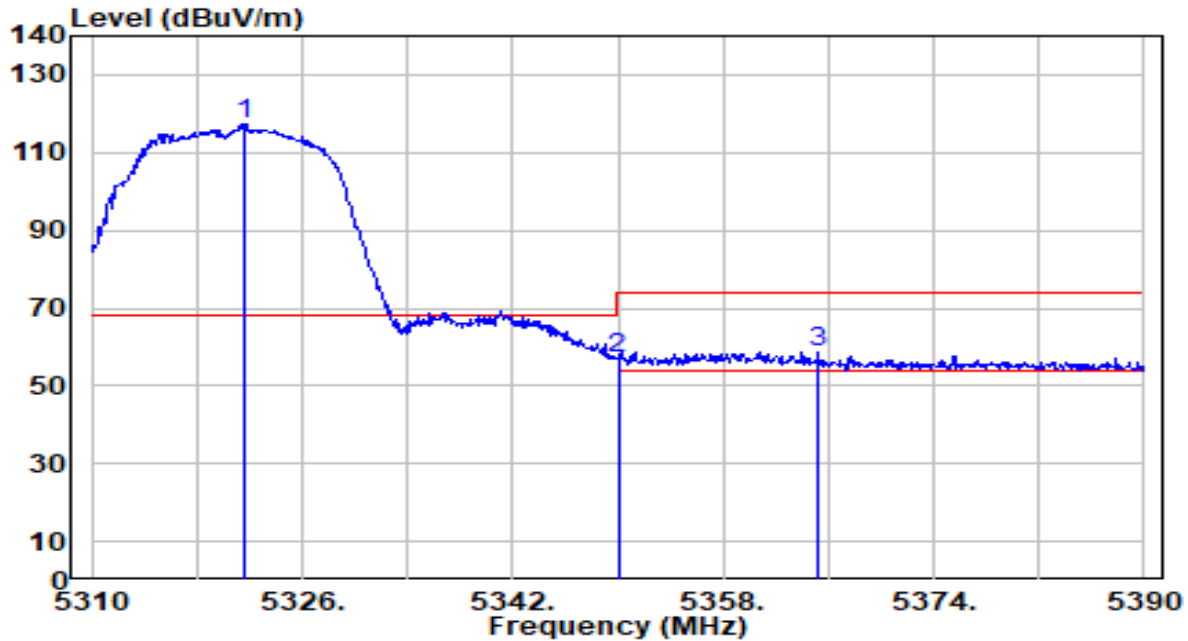


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5321.600	91.27	-0.93	90.34	N/A	N/A	100	327	Average
2	* 5350.000	43.01	-0.97	42.04	-11.96	54.00	100	327	Average
3	5364.640	42.95	-0.99	41.96	-12.04	54.00	100	327	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

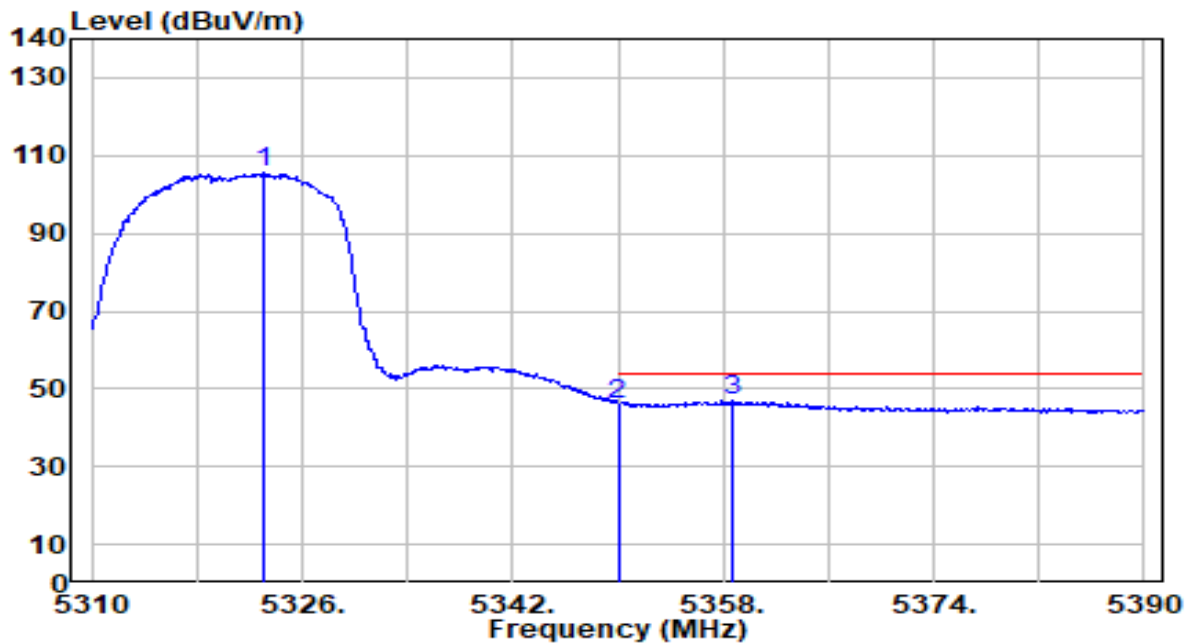


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5321.600	118.39	-0.93	117.46	N/A	N/A	100	38	Peak
2	5350.000	57.85	-0.97	56.87	-17.13	74.00	100	38	Peak
3	* 5365.280	59.70	-1.00	58.71	-15.29	74.00	100	38	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band2_CH 64_ANT 0+1	Test Voltage	AC 120V/60Hz

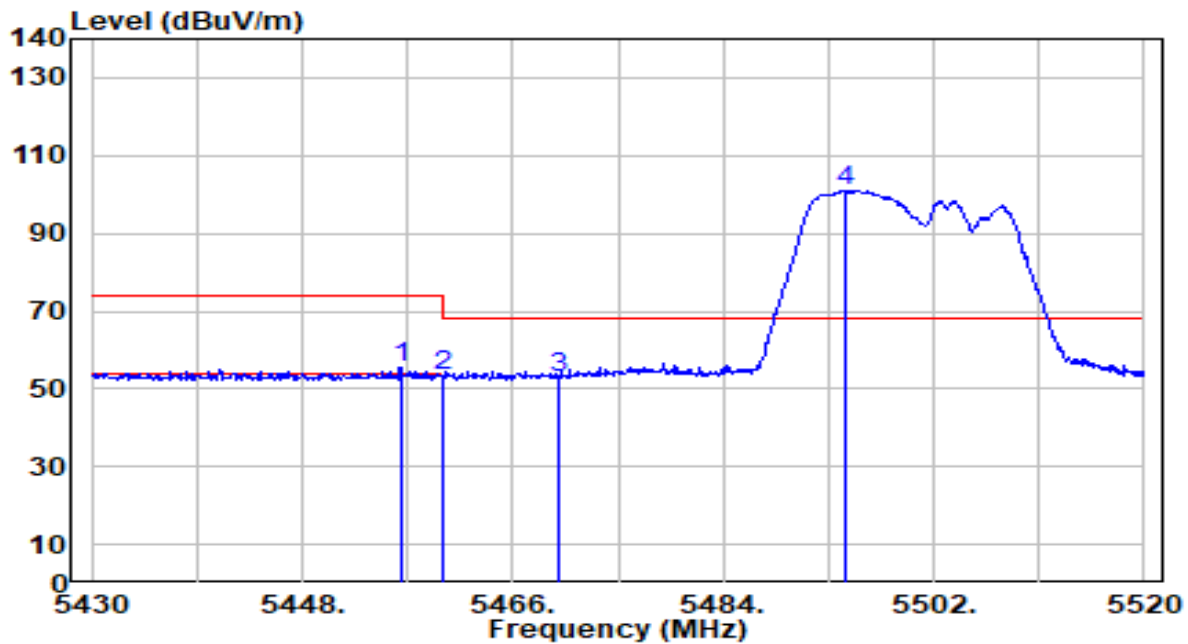


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5323.040	106.45	-0.93	105.52	N/A	N/A	100	38	Average
2	5350.000	47.08	-0.97	46.11	-7.89	54.00	100	38	Average
3	* 5358.640	47.99	-0.99	47.01	-6.99	54.00	100	38	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

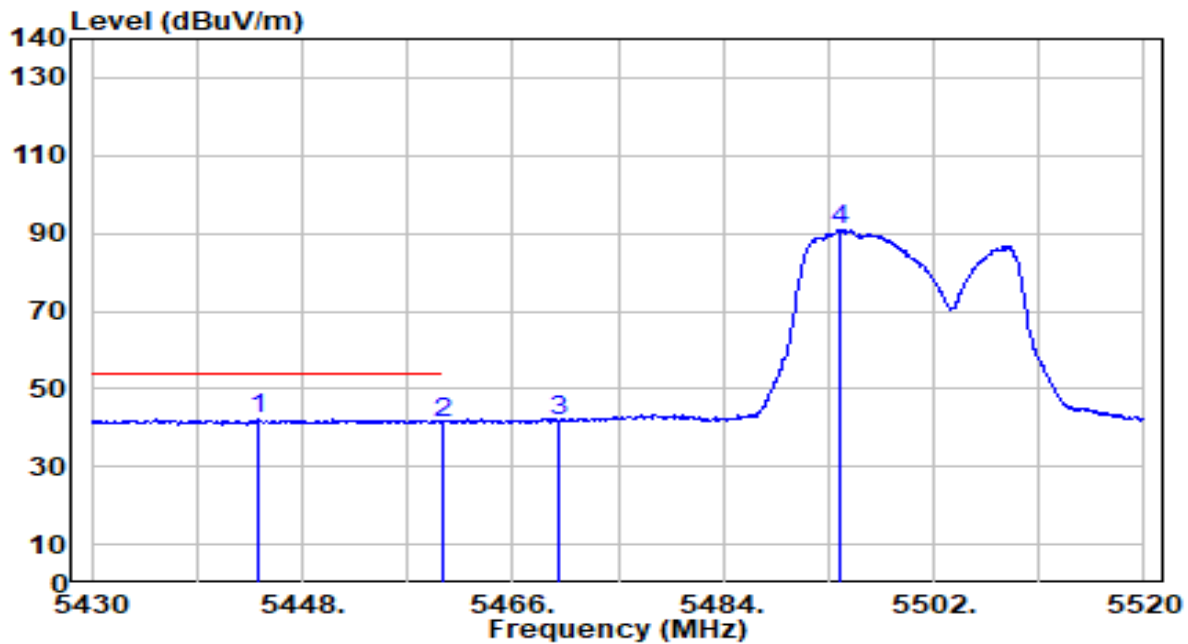


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5456.460	56.17	-0.88	55.29	-18.71	74.00	100	240	Peak
2	5460.000	54.29	-0.87	53.42	-20.58	74.00	100	240	Peak
3	* 5470.000	53.83	-0.84	52.99	-15.21	68.20	100	240	Peak
4	5494.440	101.74	-0.77	100.98	N/A	N/A	100	240	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

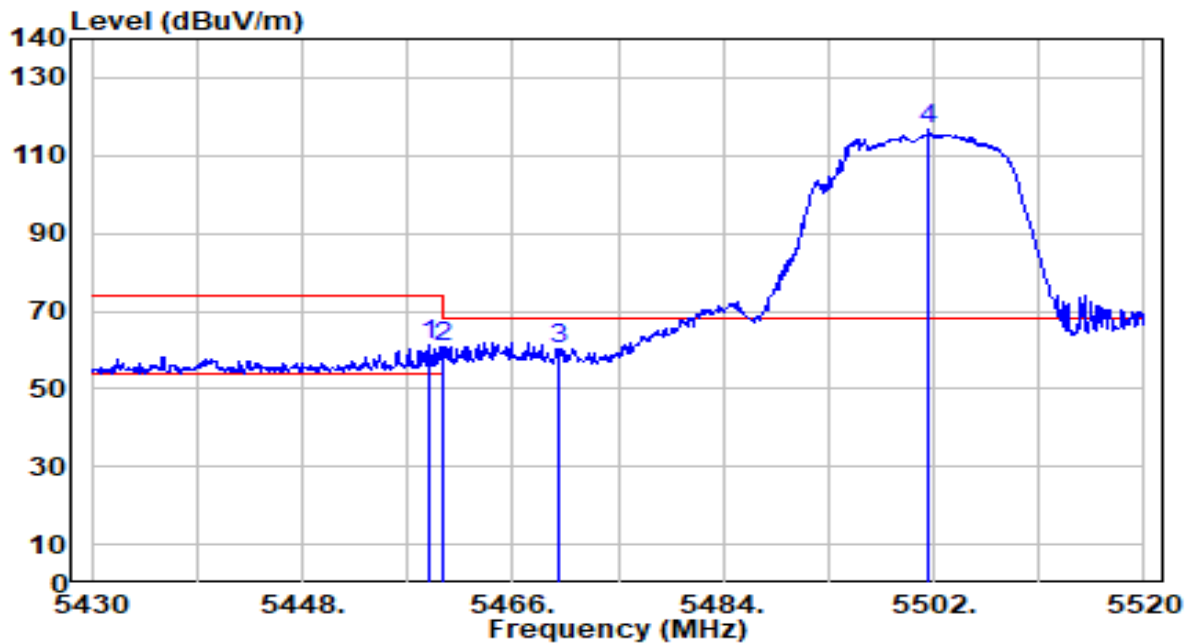


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5444.130	43.00	-0.92	42.08	-11.92	54.00	100	240	Average
2	5460.000	42.21	-0.87	41.35	-12.65	54.00	100	240	Average
3	5470.000	42.83	-0.84	41.99	N/A	N/A	100	240	Average
4	5493.990	91.87	-0.77	91.10	N/A	N/A	100	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

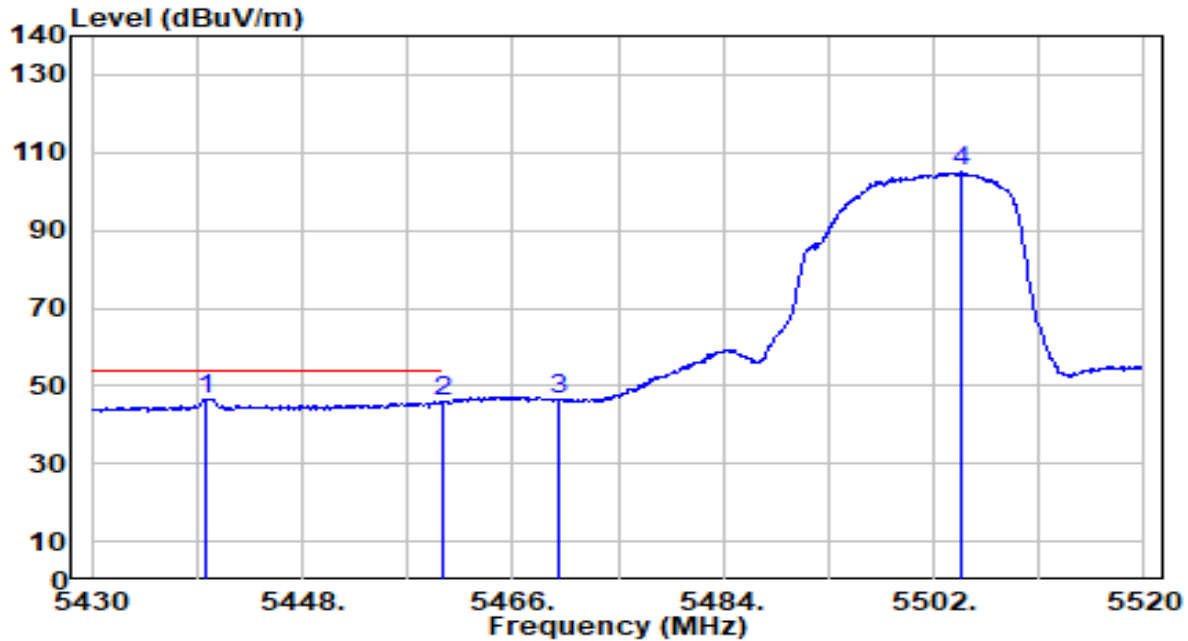


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.800	62.08	-0.87	61.20	-12.80	74.00	133	16	Peak
2	5460.000	61.72	-0.87	60.85	-13.15	74.00	133	16	Peak
3	* 5470.000	60.82	-0.84	59.98	-8.22	68.20	133	16	Peak
4	5501.640	117.38	-0.74	116.64	N/A	N/A	133	16	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 100_ANT 0+1	Test Voltage	AC 120V/60Hz

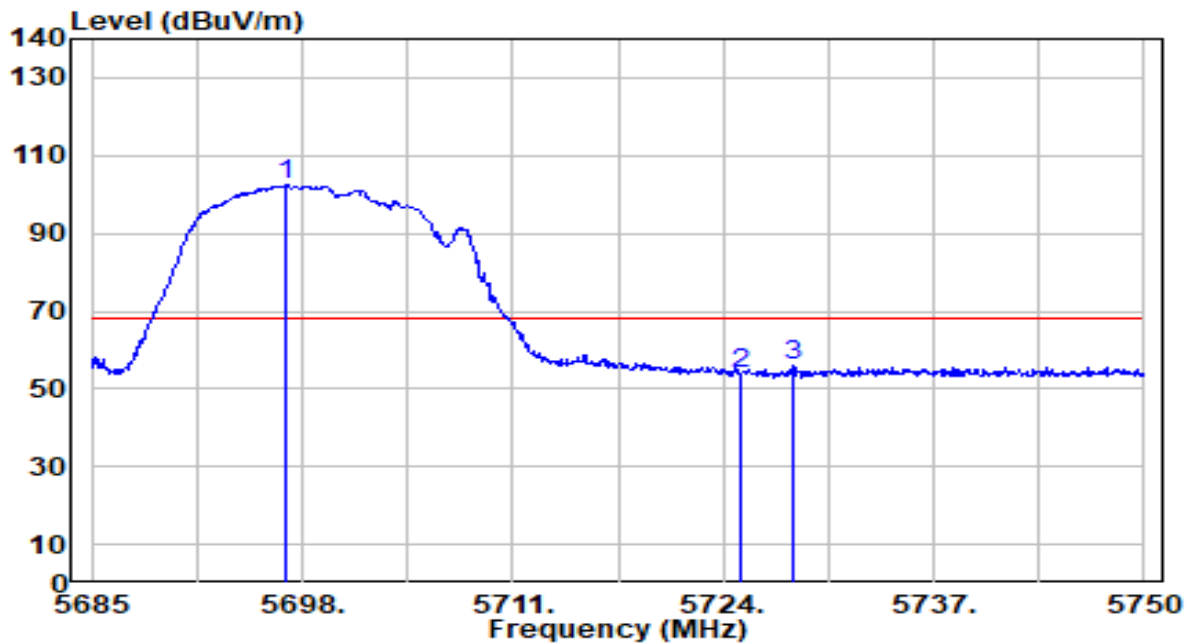


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5439.810	47.61	-0.93	46.68	-7.32	54.00	133	16	Average
2	5460.000	46.63	-0.87	45.76	-8.24	54.00	133	16	Average
3	5470.000	47.15	-0.84	46.31	N/A	N/A	133	16	Average
4	5504.250	105.83	-0.74	105.09	N/A	N/A	133	16	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

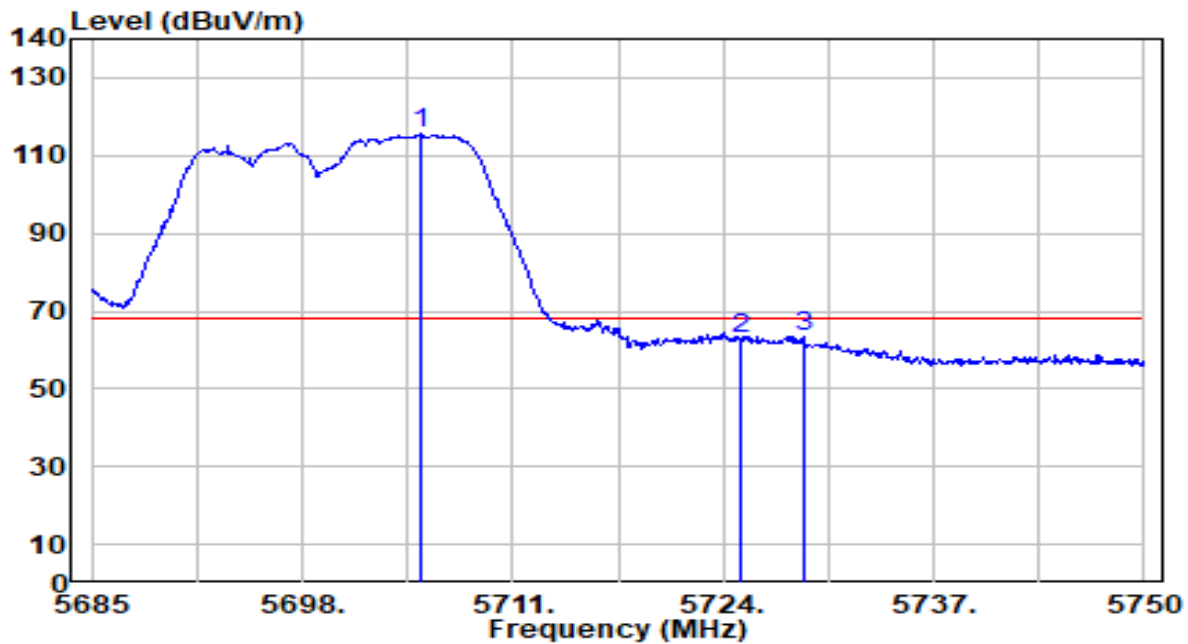


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5696.960	102.22	0.08	102.30	N/A	N/A	116	239	Peak
2	5725.000	53.68	0.23	53.91	-14.29	68.20	116	239	Peak
3	* 5728.290	55.50	0.25	55.75	-12.45	68.20	116	239	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band3_CH 140_ANT 0+1	Test Voltage	AC 120V/60Hz

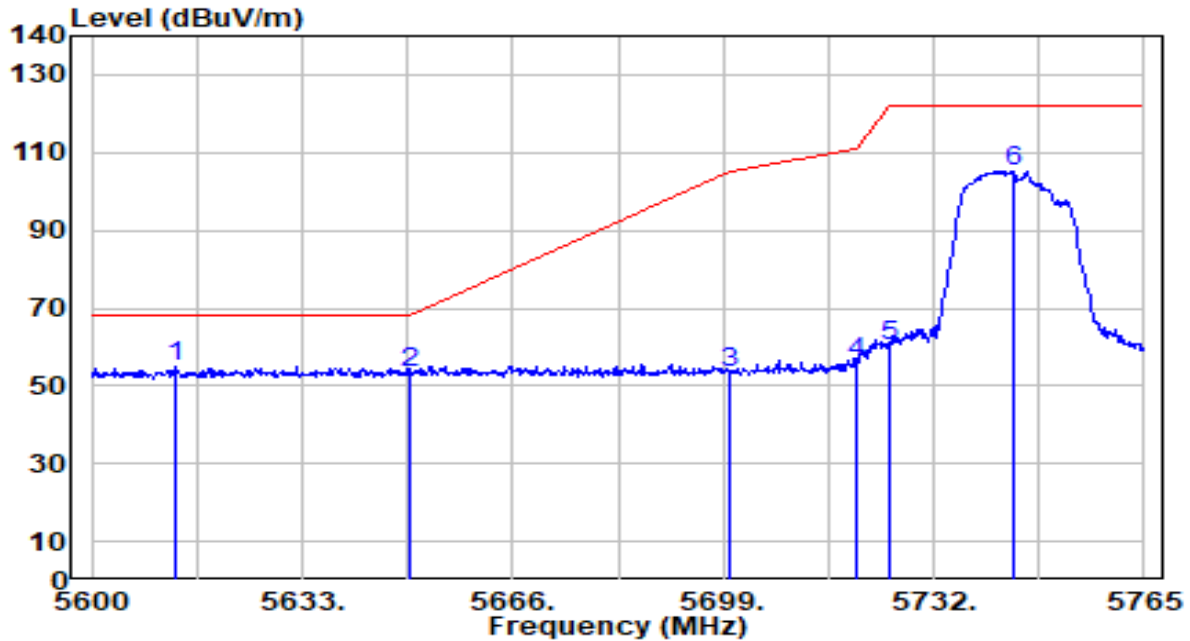


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5705.280	115.34	0.13	115.46	N/A	N/A	171	13	Peak
2	5725.000	62.38	0.23	62.61	-5.59	68.20	171	13	Peak
3	* 5728.940	63.25	0.25	63.50	-4.70	68.20	171	13	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

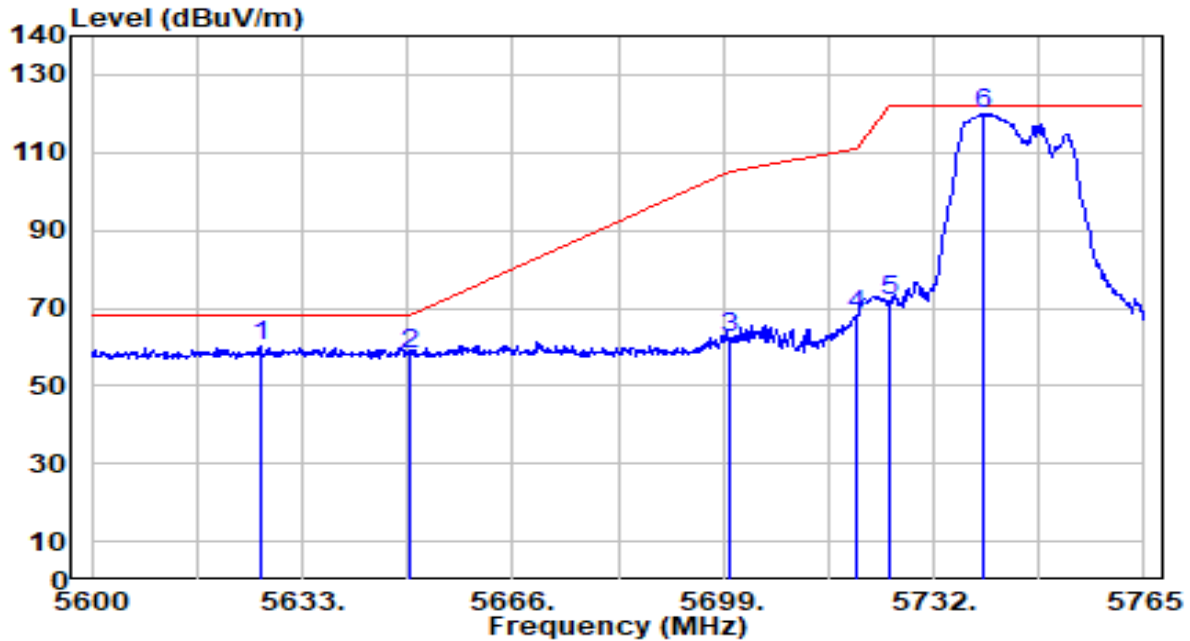


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5613.035	55.43	-0.36	55.07	-13.13	68.20	300	276	Peak
2	5650.000	53.32	-0.16	53.15	-15.05	68.20	300	276	Peak
3	5700.000	53.24	0.10	53.34	-51.86	105.20	300	276	Peak
4	5720.000	56.06	0.20	56.26	-54.54	110.80	300	276	Peak
5	5725.000	59.98	0.23	60.21	-61.99	122.20	300	276	Peak
6	5744.375	104.74	0.33	105.07	N/A	N/A	300	276	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 149_ANT 0+1	Test Voltage	AC 120V/60Hz

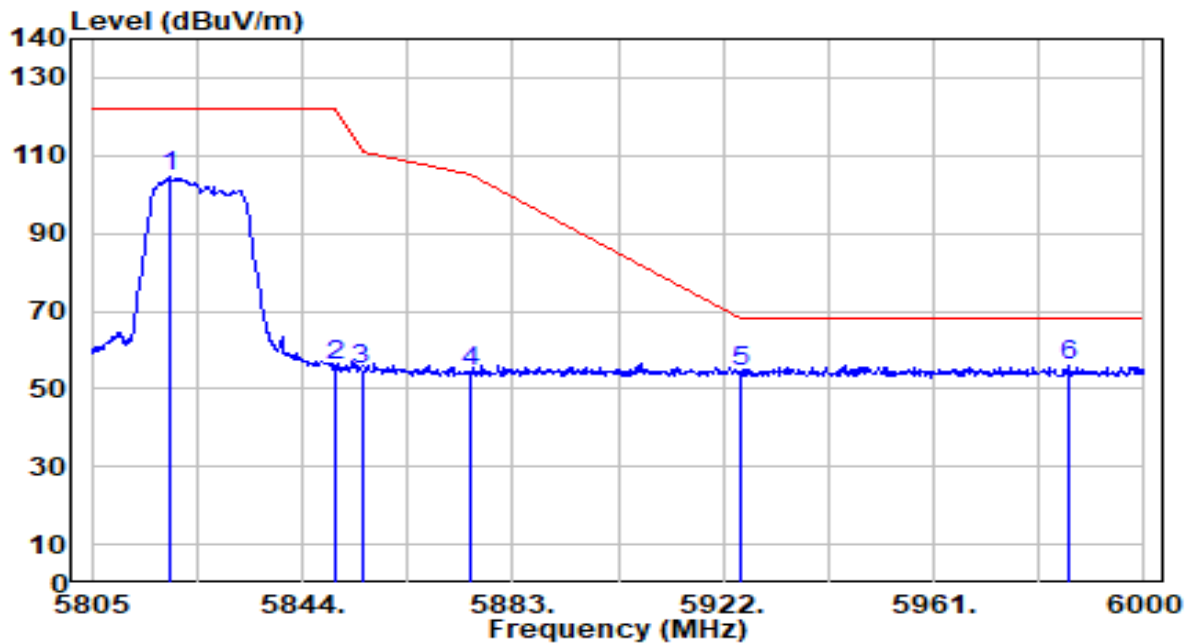


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5626.400	60.72	-0.29	60.44	-7.76	68.20	199	169	Peak
2	5650.000	58.41	-0.16	58.25	-9.95	68.20	199	169	Peak
3	5700.000	61.99	0.10	62.09	-43.11	105.20	199	169	Peak
4	5720.000	67.85	0.20	68.06	-42.74	110.80	199	169	Peak
5	5725.000	71.54	0.23	71.76	-50.44	122.20	199	169	Peak
6	5739.590	119.73	0.31	120.03	N/A	N/A	199	169	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

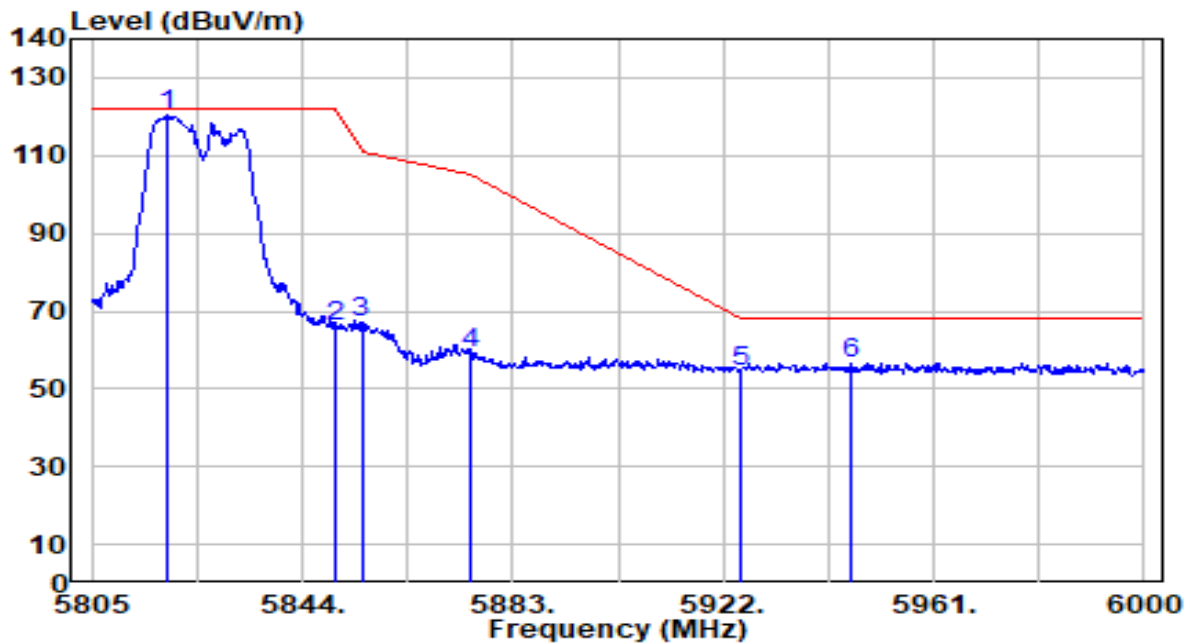


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5819.430	103.87	0.61	104.47	N/A	N/A	300	280	Peak
2	5850.000	55.60	0.58	56.18	-66.02	122.20	300	280	Peak
3	5855.000	54.46	0.58	55.04	-55.76	110.80	300	280	Peak
4	5875.000	54.01	0.57	54.57	-50.63	105.20	300	280	Peak
5	5925.000	53.69	0.53	54.22	-13.98	68.20	300	280	Peak
6	* 5985.960	55.72	0.48	56.21	-11.99	68.20	300	280	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-20MHz_TX_Band4_CH 165_ANT 0+1	Test Voltage	AC 120V/60Hz

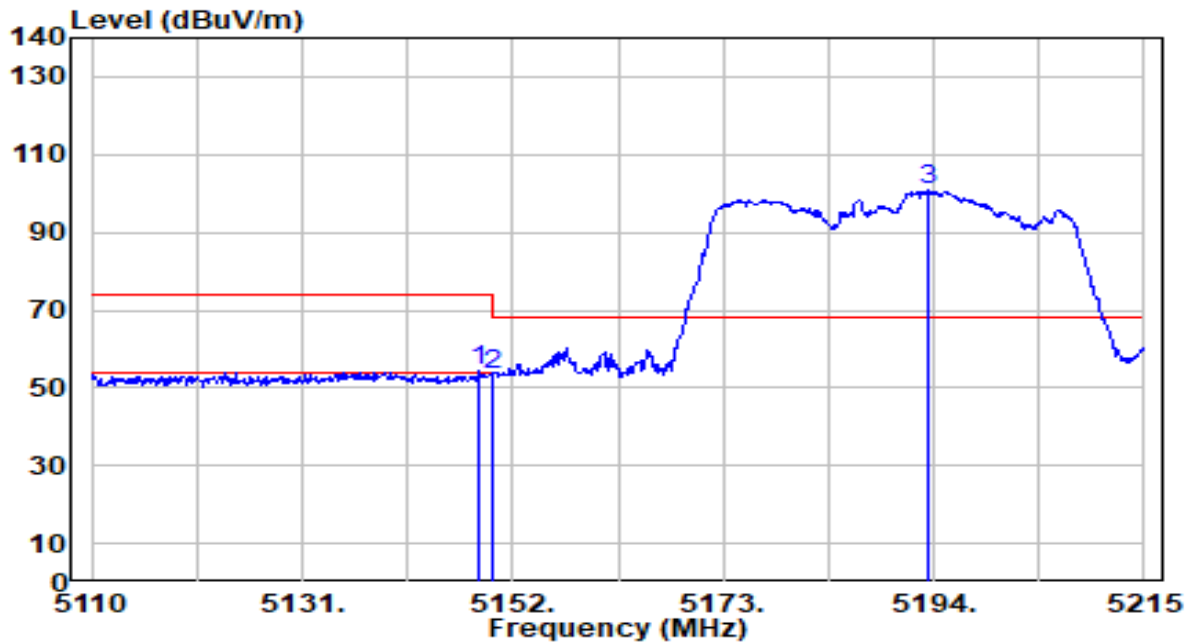


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5819.040	119.72	0.61	120.32	N/A	N/A	167	341	Peak
2	5850.000	65.34	0.58	65.93	-56.27	122.20	167	341	Peak
3	5855.000	66.62	0.58	67.20	-43.60	110.80	167	341	Peak
4	5875.000	58.70	0.57	59.27	-45.93	105.20	167	341	Peak
5	5925.000	54.14	0.53	54.67	-13.53	68.20	167	341	Peak
6	* 5945.790	56.18	0.51	56.69	-11.51	68.20	167	341	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

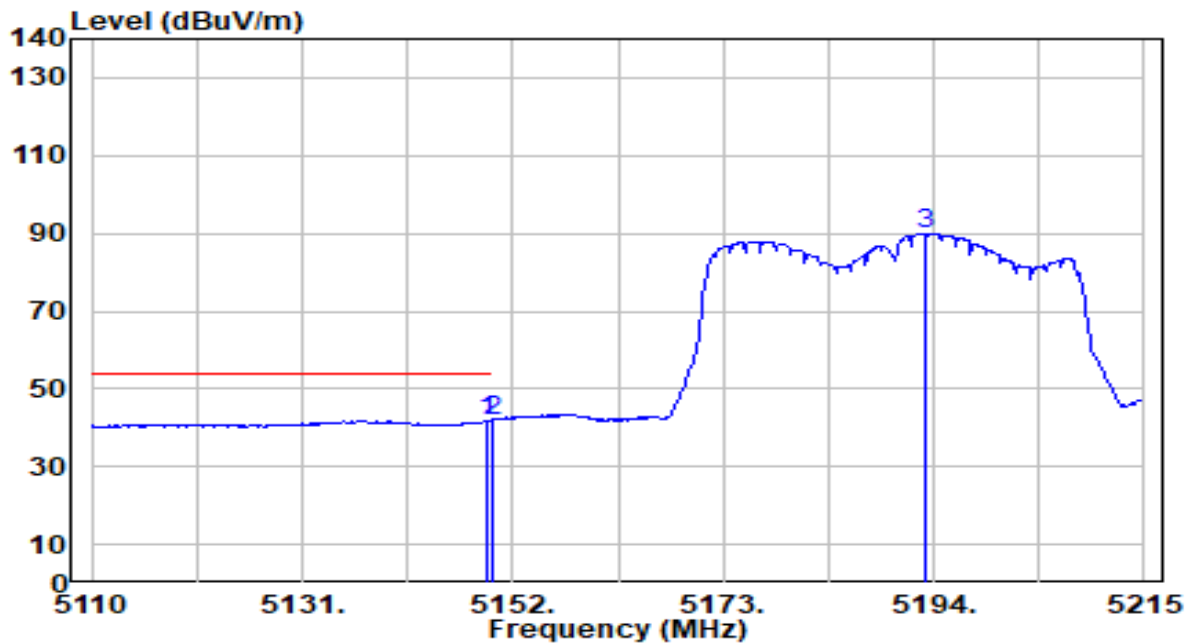


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5148.745	54.90	-0.72	54.18	-19.82	74.00	100	290	Peak
2	5150.000	54.16	-0.72	53.44	-20.56	74.00	100	290	Peak
3	5193.580	101.46	-0.74	100.72	N/A	N/A	100	290	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

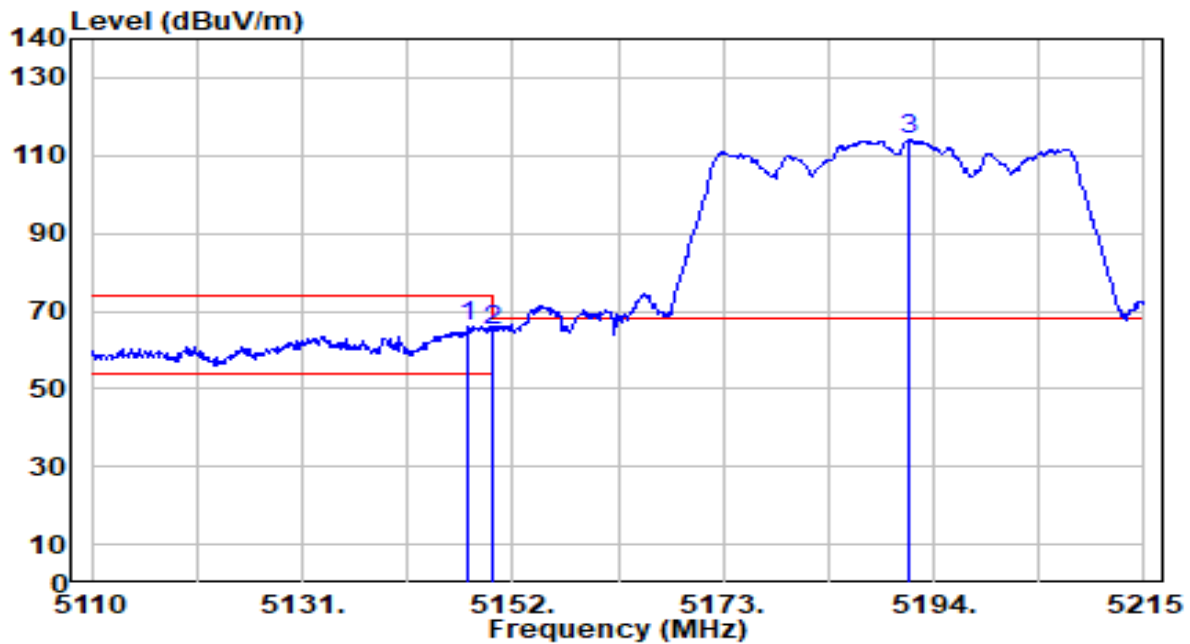


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5149.480	42.60	-0.72	41.88	-12.12	54.00	100	290	Average
2	5150.000	42.56	-0.72	41.84	-12.16	54.00	100	290	Average
3	5193.055	90.61	-0.74	89.87	N/A	N/A	100	290	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

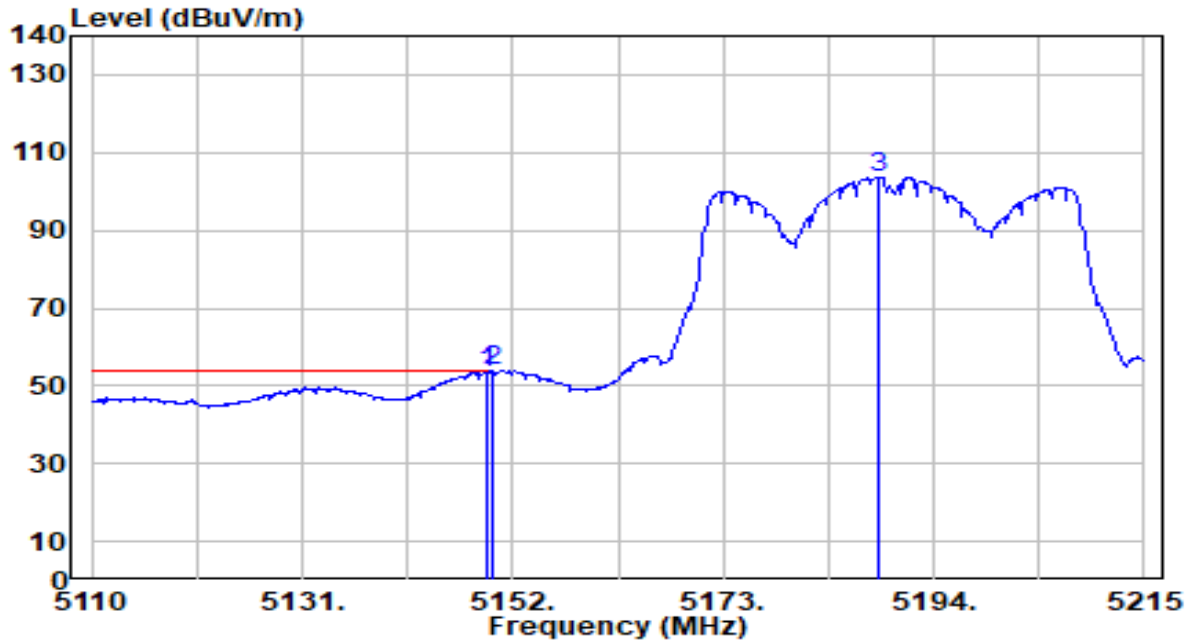


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5147.590	66.90	-0.72	66.19	-7.81	74.00	100	36	Peak
2		5150.000	65.64	-0.72	64.92	-9.08	74.00	100	36	Peak
3		5191.585	114.85	-0.74	114.11	N/A	N/A	100	36	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band1_CH 38_ANT 0+1	Test Voltage	AC 120V/60Hz

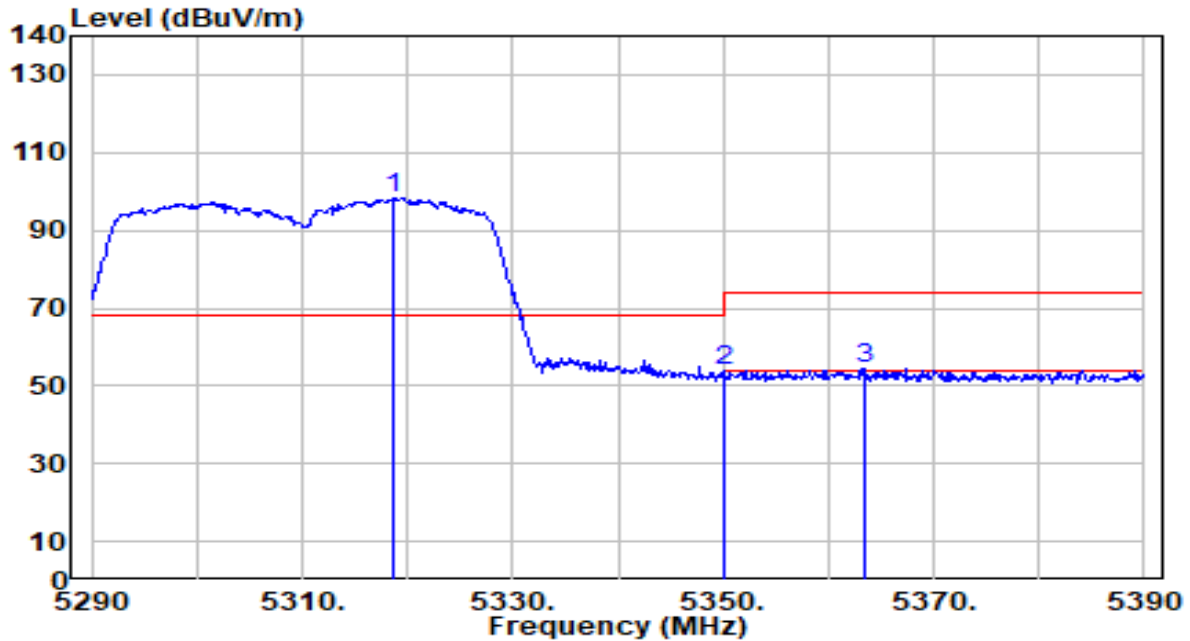


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5149.480	54.32	-0.72	53.61	-0.39	54.00	100	36	Average
2	* 5150.000	54.49	-0.72	53.77	-0.23	54.00	100	36	Average
3	5188.540	104.49	-0.74	103.75	N/A	N/A	100	36	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

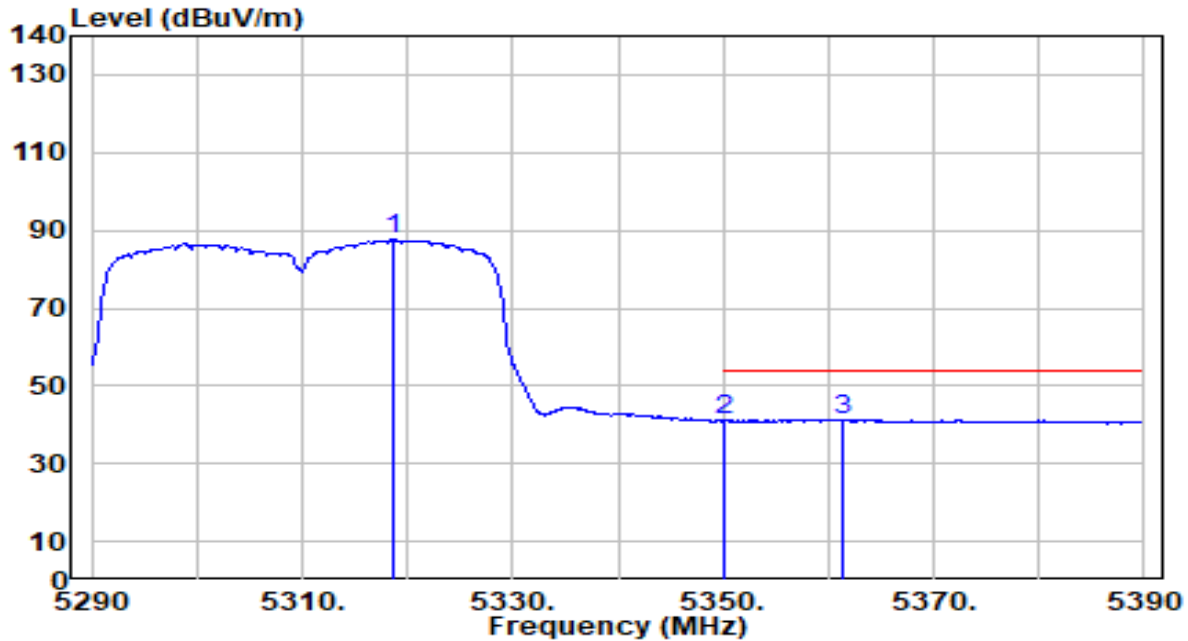


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.700	99.36	-0.92	98.43	N/A	N/A	100	327	Peak
2	5350.000	54.72	-0.97	53.74	-20.26	74.00	100	327	Peak
3	* 5363.500	55.49	-0.99	54.49	-19.51	74.00	100	327	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

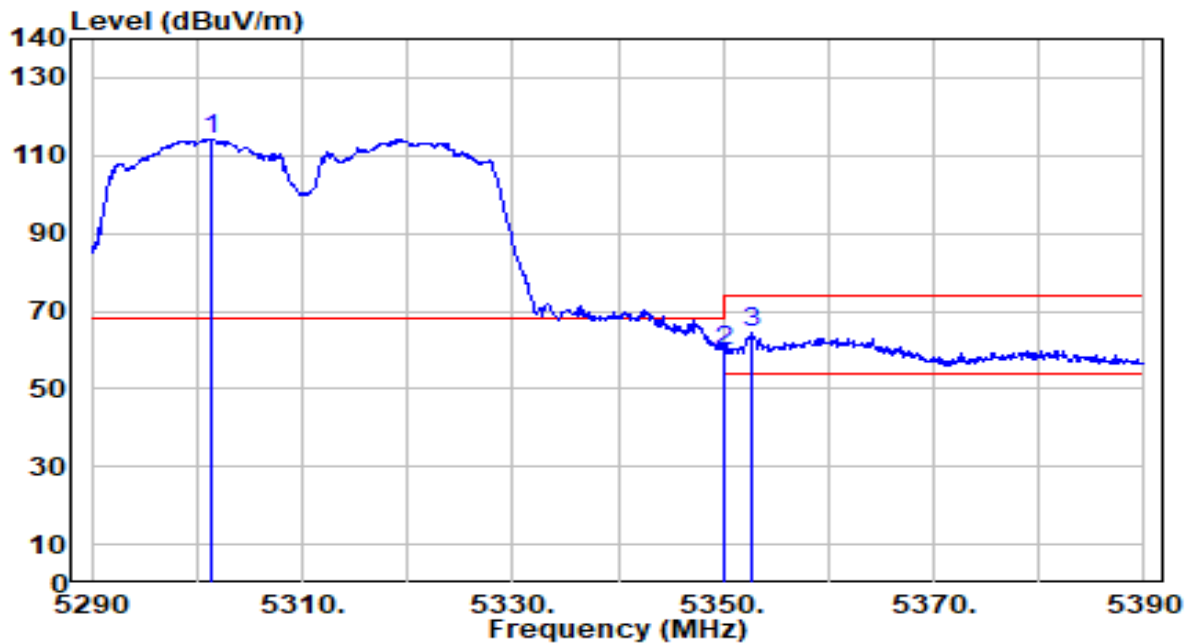


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5318.600	88.54	-0.92	87.62	N/A	N/A	100	327	Average
2	5350.000	42.11	-0.97	41.14	-12.86	54.00	100	327	Average
3	* 5361.300	42.45	-0.99	41.46	-12.54	54.00	100	327	Average

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

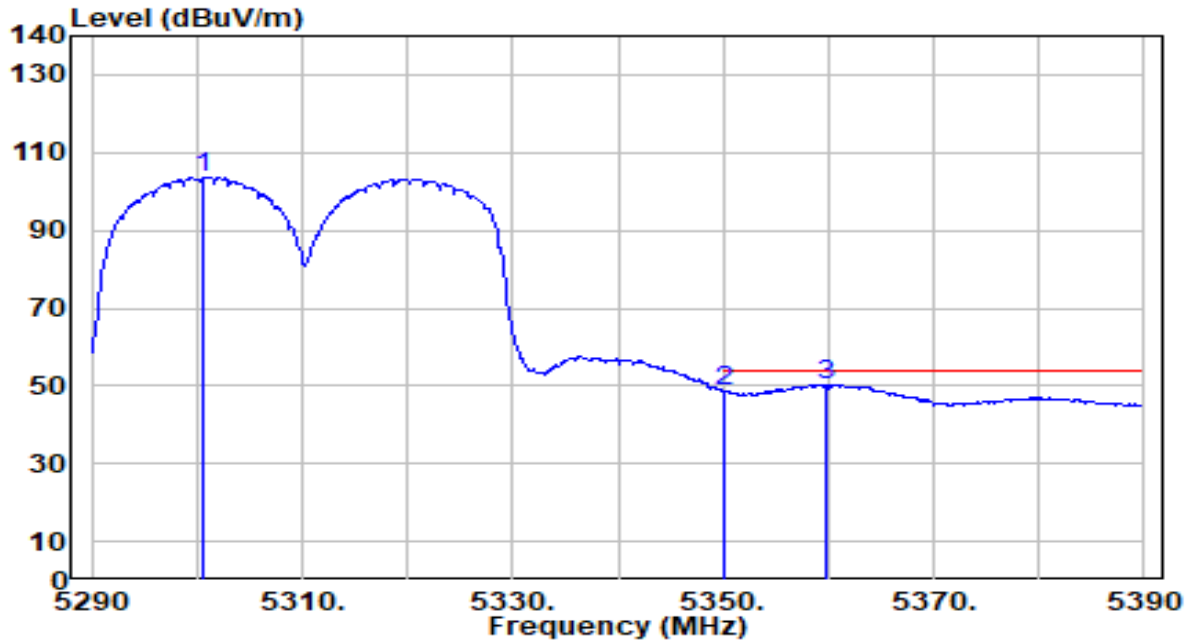


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5301.300	115.23	-0.90	114.33	N/A	N/A	100	38	Peak
2	5350.000	60.82	-0.97	59.85	-14.15	74.00	100	38	Peak
3	* 5352.700	65.47	-0.98	64.50	-9.50	74.00	100	38	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band2_CH 62_ANT 0+1	Test Voltage	AC 120V/60Hz

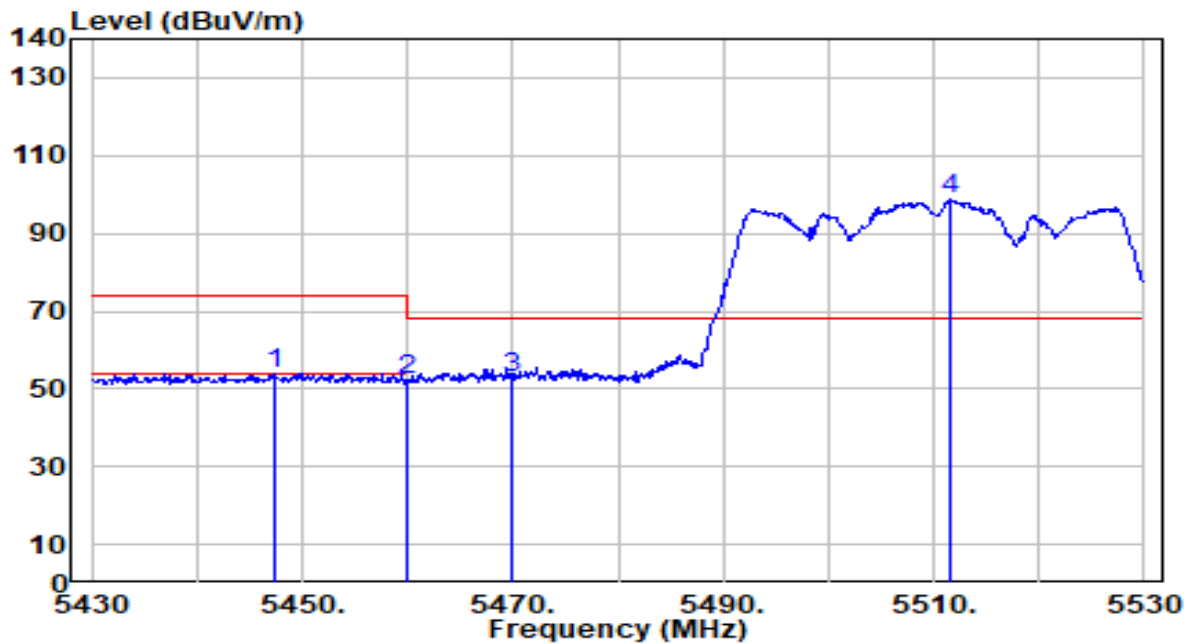


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5300.600	104.37	-0.90	103.48	N/A	N/A	100	38	Average
2	5350.000	49.60	-0.97	48.63	-5.37	54.00	100	38	Average
3	* 5359.900	51.25	-0.99	50.27	-3.73	54.00	100	38	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz

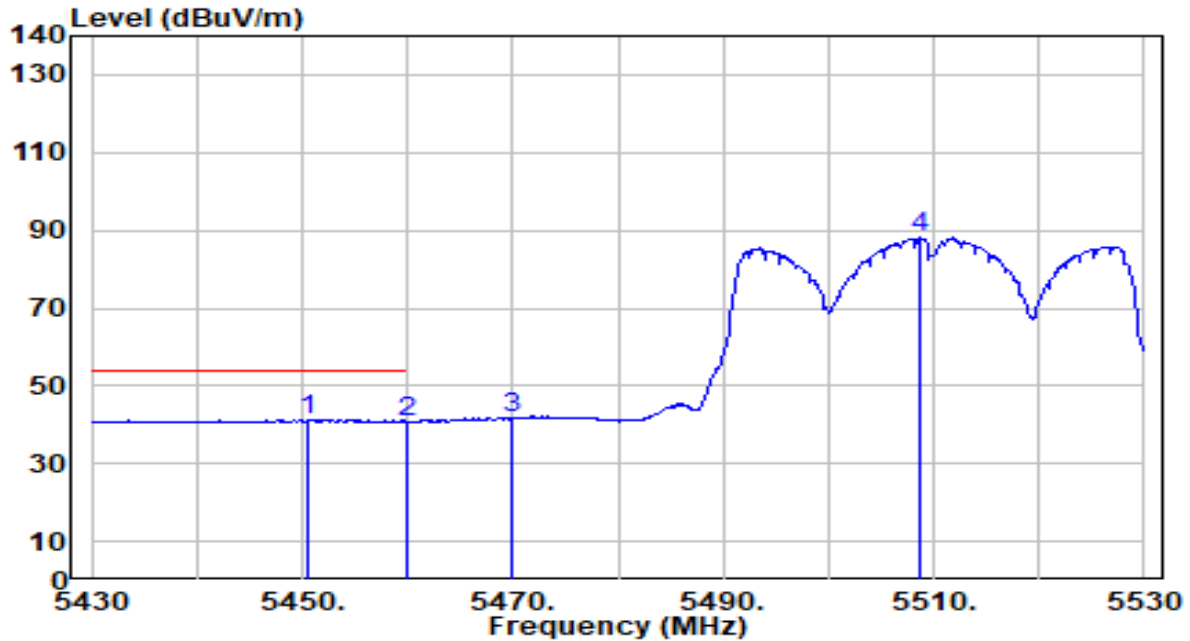


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5447.500	54.94	-0.91	54.04	-19.96	74.00	100	240	Peak
2	5460.000	53.28	-0.87	52.41	-21.59	74.00	100	240	Peak
3	* 5470.000	53.92	-0.84	53.08	-15.12	68.20	100	240	Peak
4	5511.500	99.32	-0.71	98.61	N/A	N/A	100	240	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz

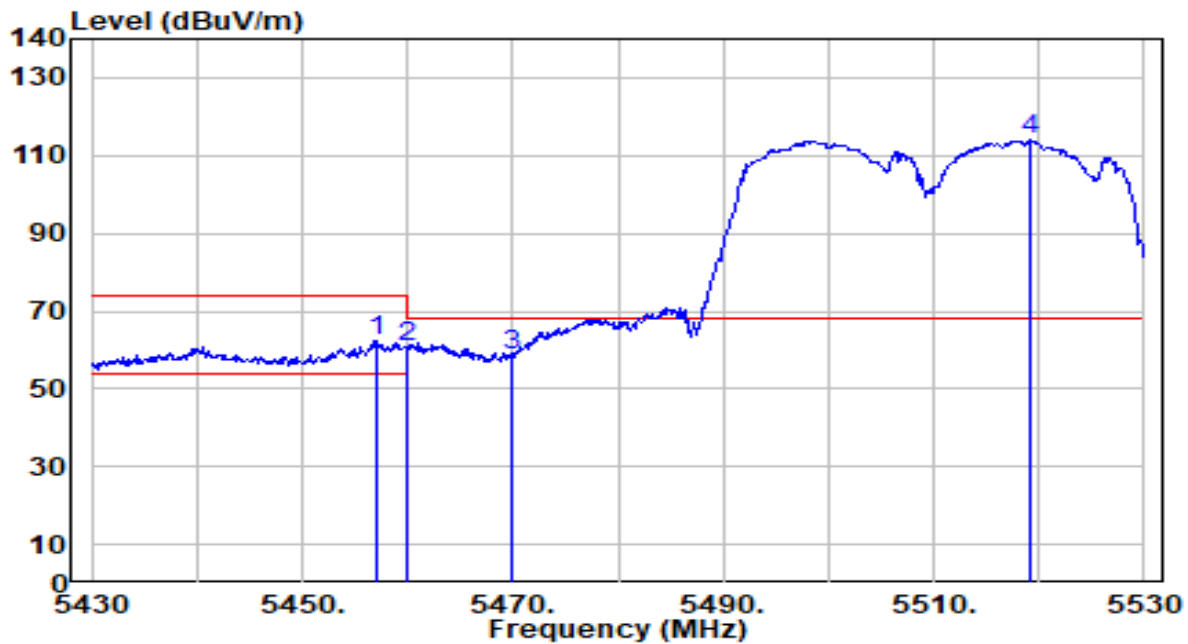


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5450.600	42.18	-0.90	41.28	-12.72	54.00	100	240	Average
2	5460.000	41.59	-0.87	40.72	-13.28	54.00	100	240	Average
3	5470.000	42.45	-0.84	41.61	N/A	N/A	100	240	Average
4	5508.600	88.75	-0.72	88.03	N/A	N/A	100	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz

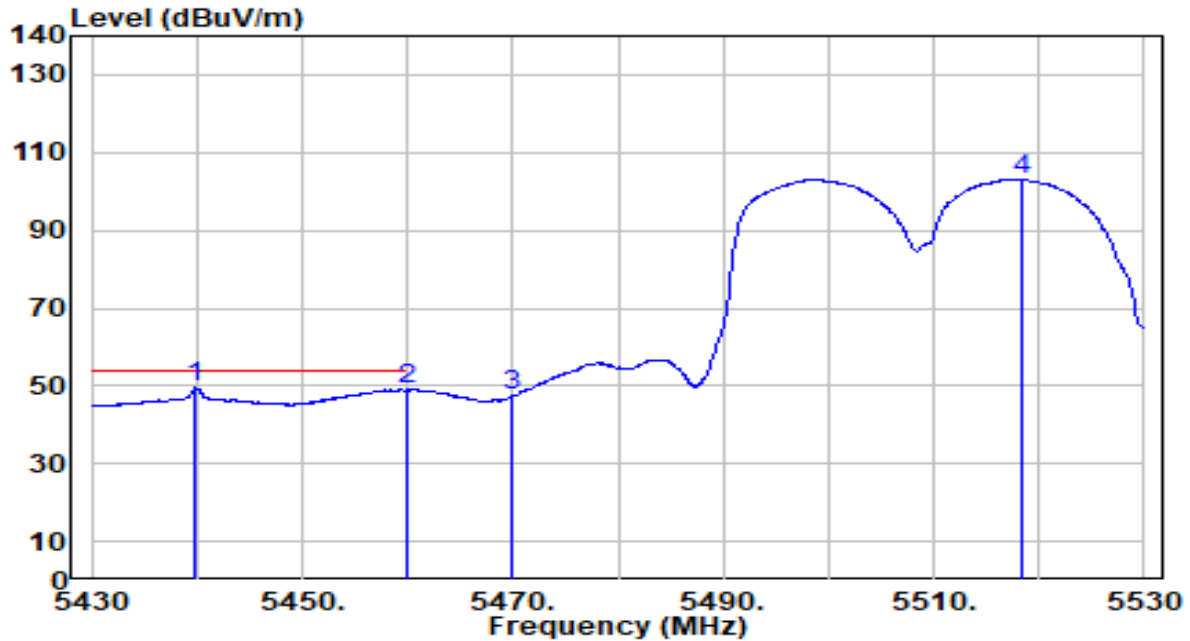


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5457.000	63.13	-0.88	62.25	-11.75	74.00	133	16	Peak
2	5460.000	61.81	-0.87	60.94	-13.06	74.00	133	16	Peak
3	* 5470.000	59.69	-0.84	58.85	-9.35	68.20	133	16	Peak
4	5519.100	114.73	-0.69	114.04	N/A	N/A	133	16	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-04
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 102_ANT 0+1	Test Voltage	AC 120V/60Hz

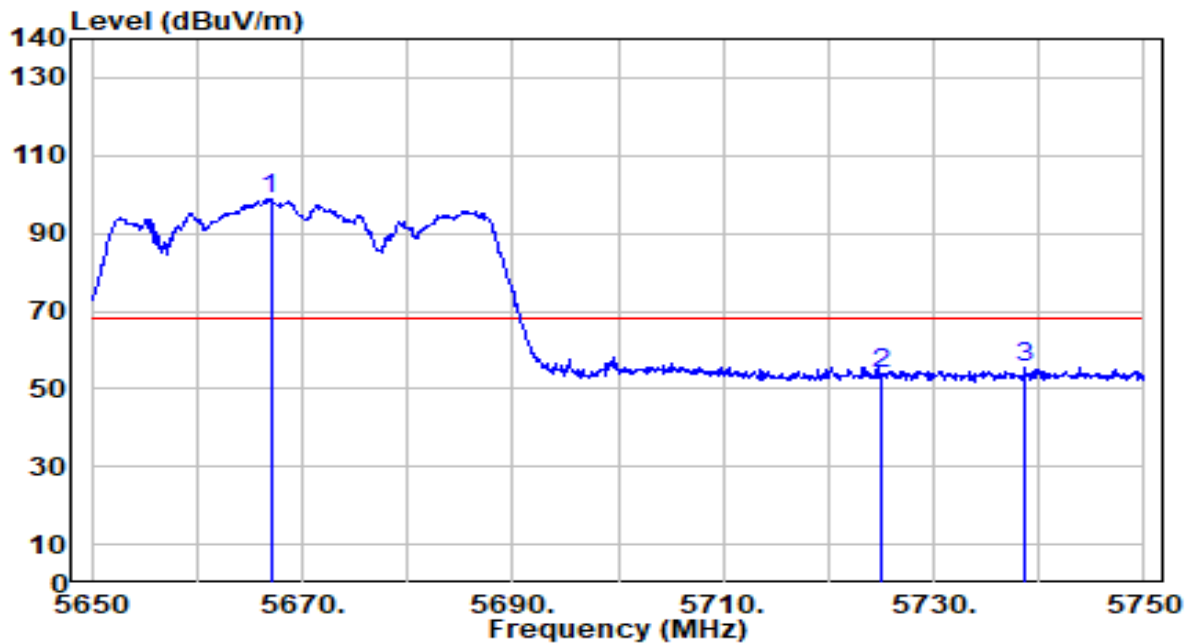


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5439.900	50.48	-0.93	49.56	-4.44	54.00	133	16	Average
2	5460.000	49.76	-0.87	48.89	-5.11	54.00	133	16	Average
3	5470.000	48.16	-0.84	47.32	N/A	N/A	133	16	Average
4	5518.500	103.95	-0.69	103.26	N/A	N/A	133	16	Average

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1	Test Voltage	AC 120V/60Hz

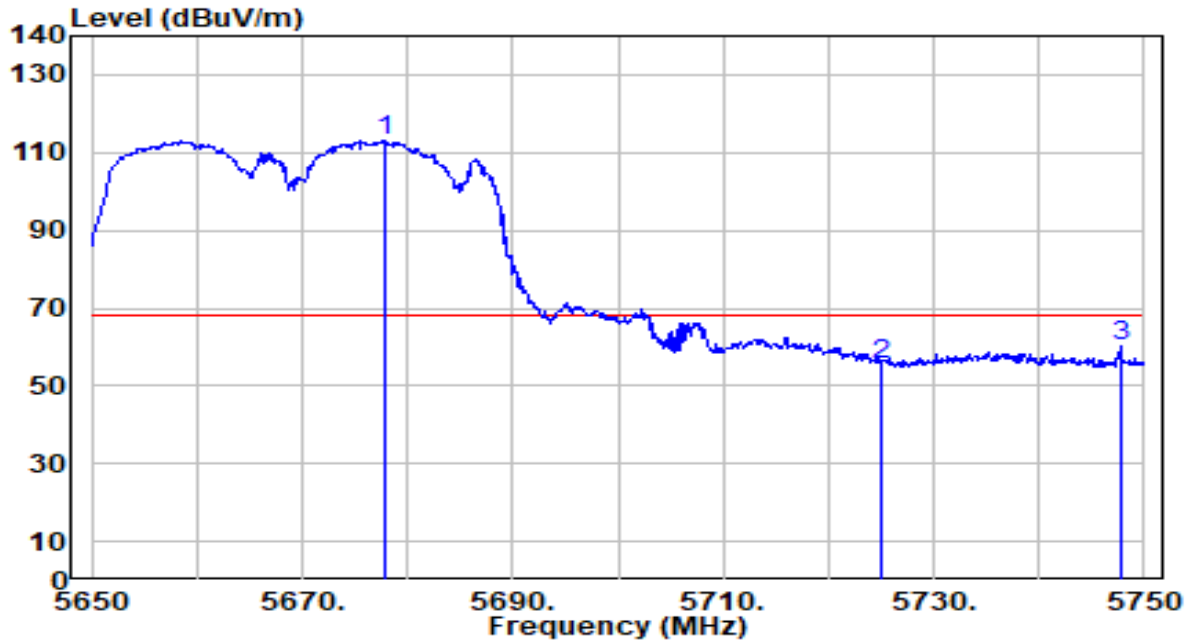


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5667.000	98.96	-0.07	98.88	N/A	N/A	116	239	Peak
2	5725.000	53.57	0.23	53.80	-14.40	68.20	116	239	Peak
3	* 5738.700	55.06	0.30	55.36	-12.84	68.20	116	239	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band3_CH 134_ANT 0+1	Test Voltage	AC 120V/60Hz

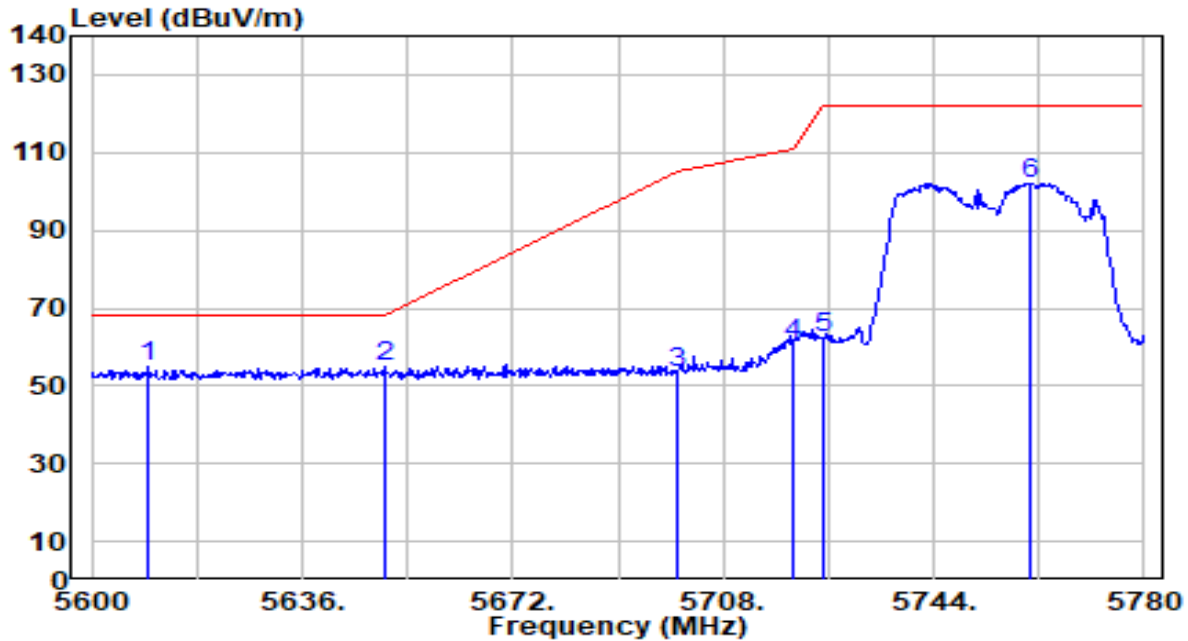


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5677.800	112.93	-0.02	112.91	N/A	N/A	171	13	Peak
2	5725.000	55.44	0.23	55.67	-12.53	68.20	171	13	Peak
3	* 5747.700	59.89	0.35	60.24	-7.96	68.20	171	13	Peak

Note:

- "*", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

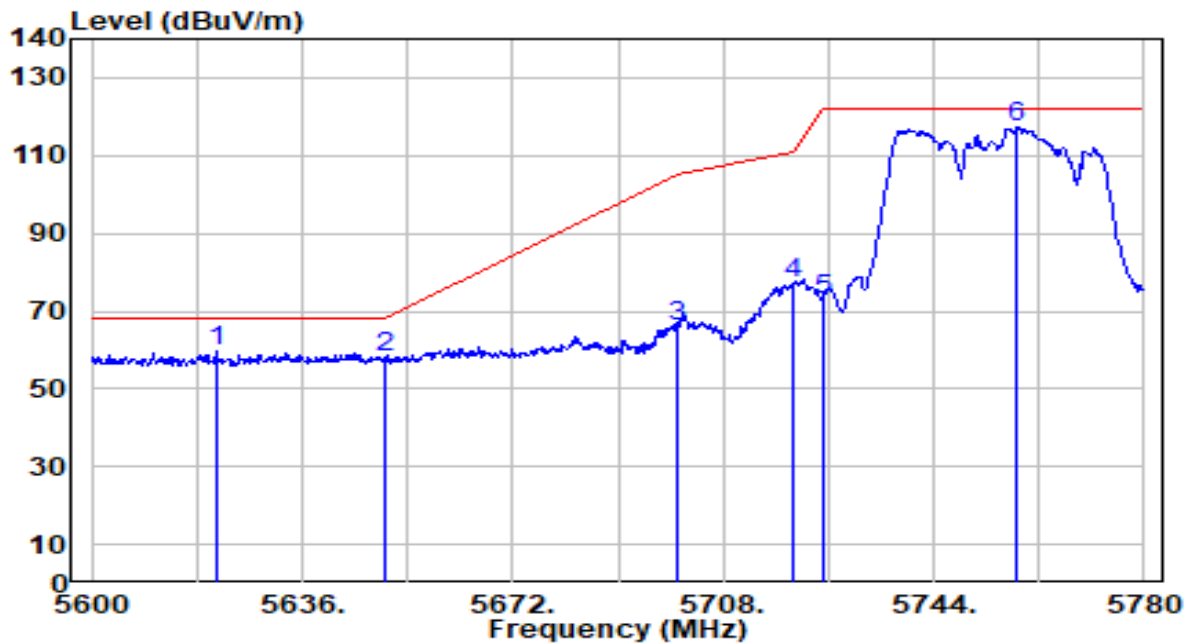


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5609.720	55.43	-0.38	55.05	-13.15	68.20	300	276	Peak
2	5650.000	55.08	-0.16	54.92	-13.28	68.20	300	276	Peak
3	5700.000	53.29	0.10	53.39	-51.81	105.20	300	276	Peak
4	5720.000	60.58	0.20	60.78	-50.02	110.80	300	276	Peak
5	5725.000	61.96	0.23	62.19	-60.01	122.20	300	276	Peak
6	5760.560	101.74	0.42	102.16	N/A	N/A	300	276	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 151_ANT 0+1	Test Voltage	AC 120V/60Hz

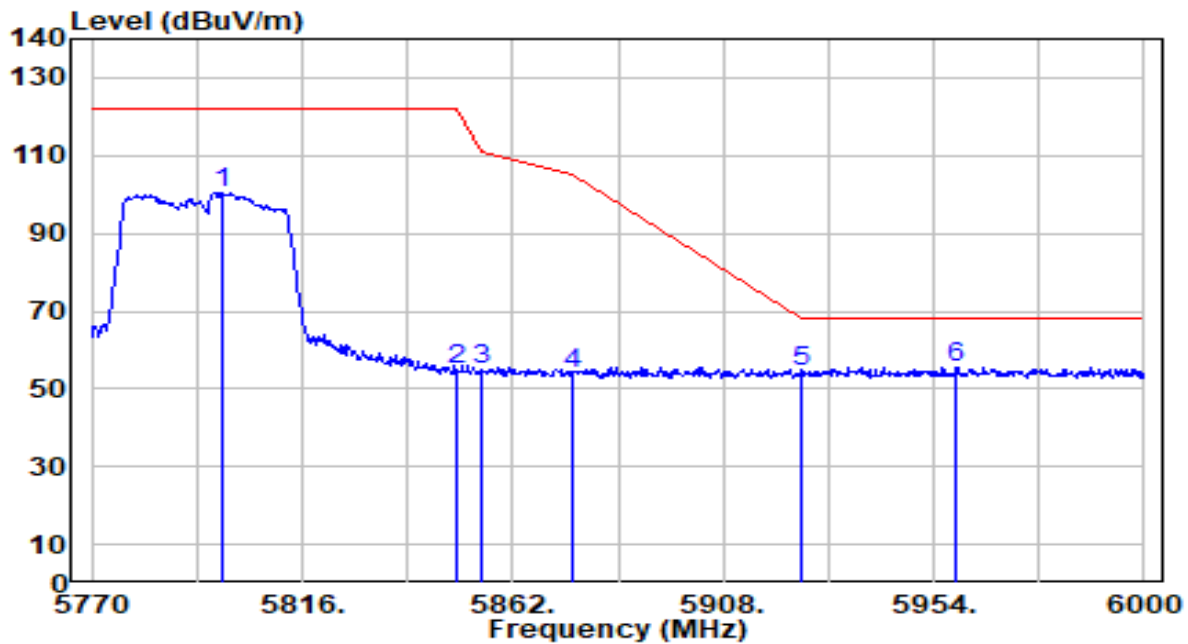


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5621.420	59.89	-0.31	59.58	-8.62	68.20	199	169	Peak
2	5650.000	58.38	-0.16	58.21	-9.99	68.20	199	169	Peak
3	5700.000	65.77	0.10	65.87	-39.33	105.20	199	169	Peak
4	5720.000	76.90	0.20	77.11	-33.69	110.80	199	169	Peak
5	5725.000	72.78	0.23	73.01	-49.19	122.20	199	169	Peak
6	5758.220	116.75	0.40	117.15	N/A	N/A	199	169	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

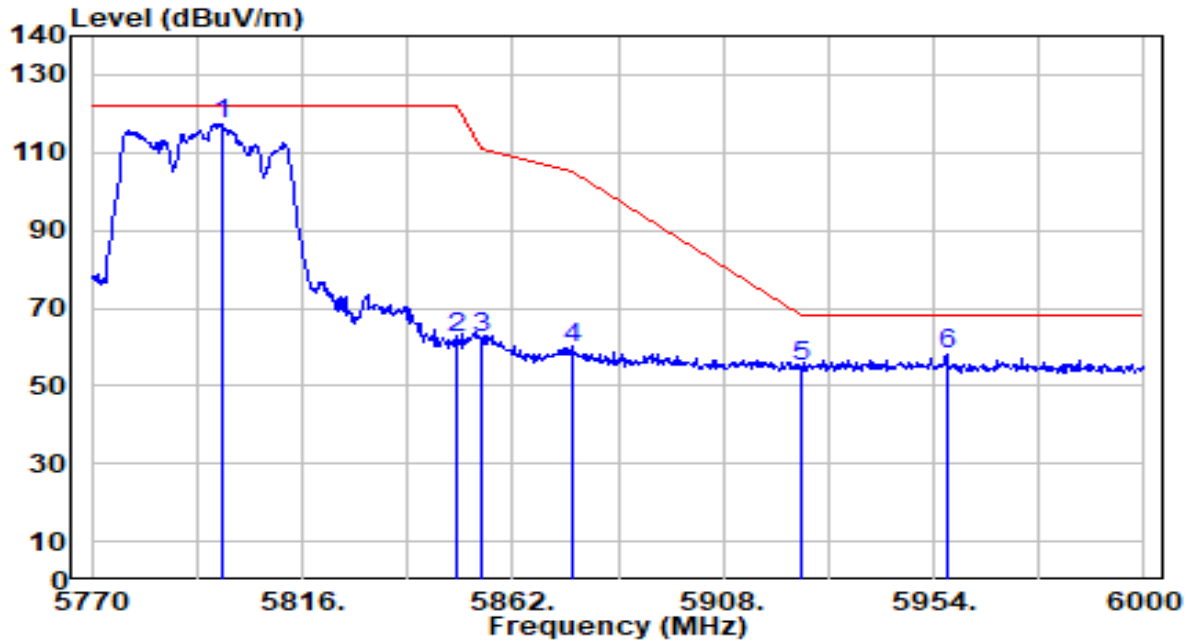


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5798.520	100.01	0.61	100.63	N/A	N/A	300	280	Peak
2	5850.000	54.12	0.58	54.71	-67.49	122.20	300	280	Peak
3	5855.000	54.43	0.58	55.01	-55.79	110.80	300	280	Peak
4	5875.000	53.45	0.57	54.02	-51.18	105.20	300	280	Peak
5	5925.000	53.81	0.53	54.33	-13.87	68.20	300	280	Peak
6	* 5959.060	55.17	0.50	55.67	-12.53	68.20	300	280	Peak

Note:

- "*" , means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-40MHz_TX_Band4_CH 159_ANT 0+1	Test Voltage	AC 120V/60Hz

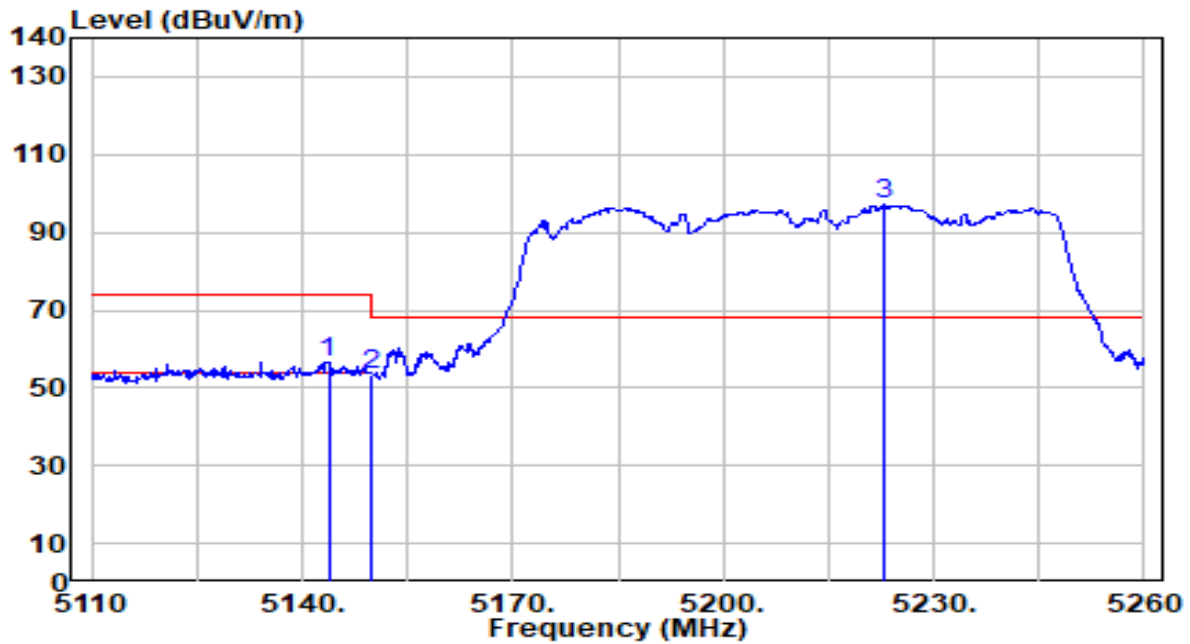


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5798.290	116.74	0.61	117.35	N/A	N/A	167	341	Peak
2	5850.000	61.61	0.58	62.19	-60.01	122.20	167	341	Peak
3	5855.000	61.69	0.58	62.27	-48.53	110.80	167	341	Peak
4	5875.000	59.20	0.57	59.76	-45.44	105.20	167	341	Peak
5	5925.000	54.37	0.53	54.90	-13.30	68.20	167	341	Peak
6	* 5956.760	57.51	0.50	58.01	-10.19	68.20	167	341	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

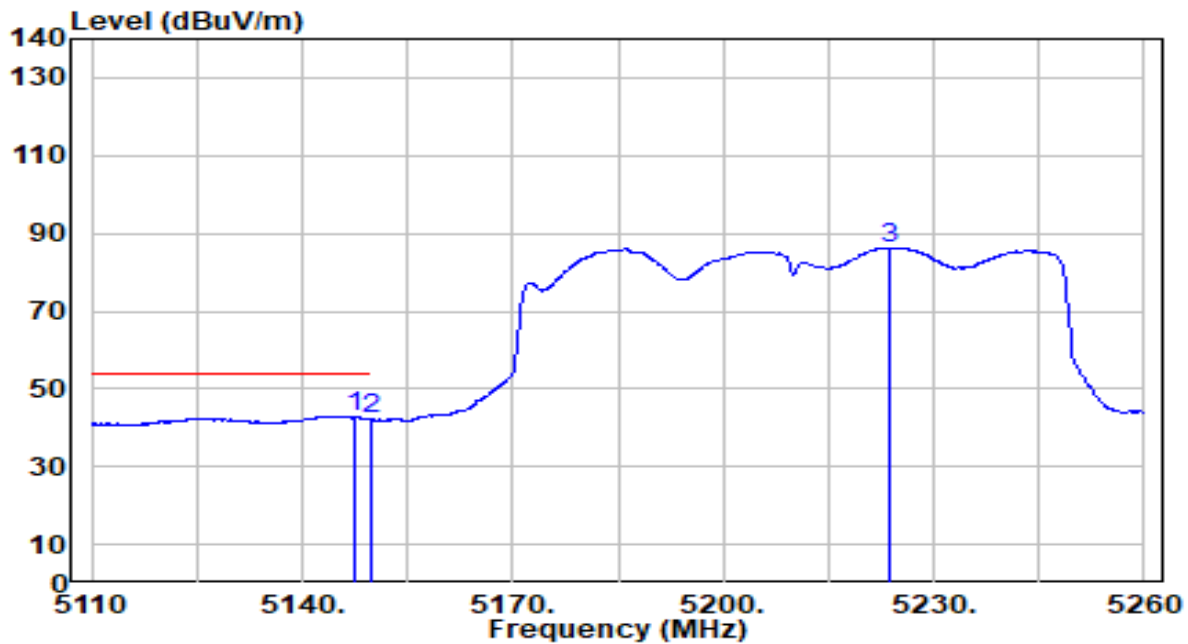


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5143.750	57.50	-0.71	56.78	-17.22	74.00	100	290	Peak
2	5150.000	54.12	-0.72	53.41	-20.59	74.00	100	290	Peak
3	5222.800	97.77	-0.78	97.00	N/A	N/A	100	290	Peak

Note:

1. " *" , means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Pre-amplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

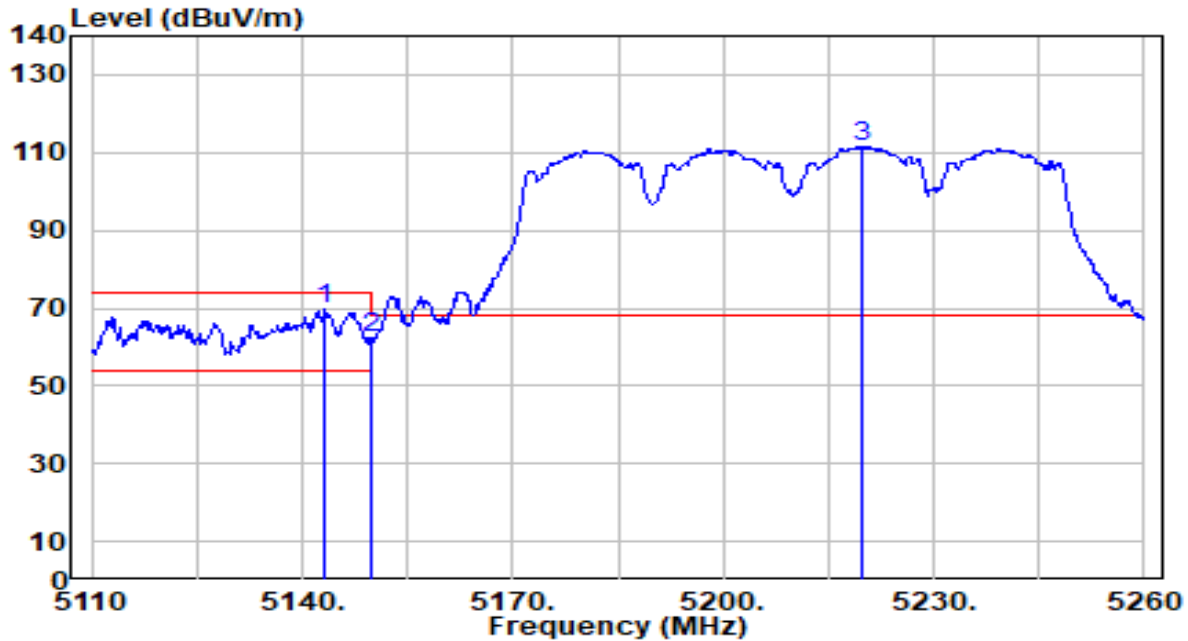


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)	
1	*	5147.500	43.69	-0.72	42.97	-11.03	54.00	100	290	Average
2		5150.000	42.81	-0.72	42.09	-11.91	54.00	100	290	Average
3		5223.550	87.09	-0.78	86.31	N/A	N/A	100	290	Average

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

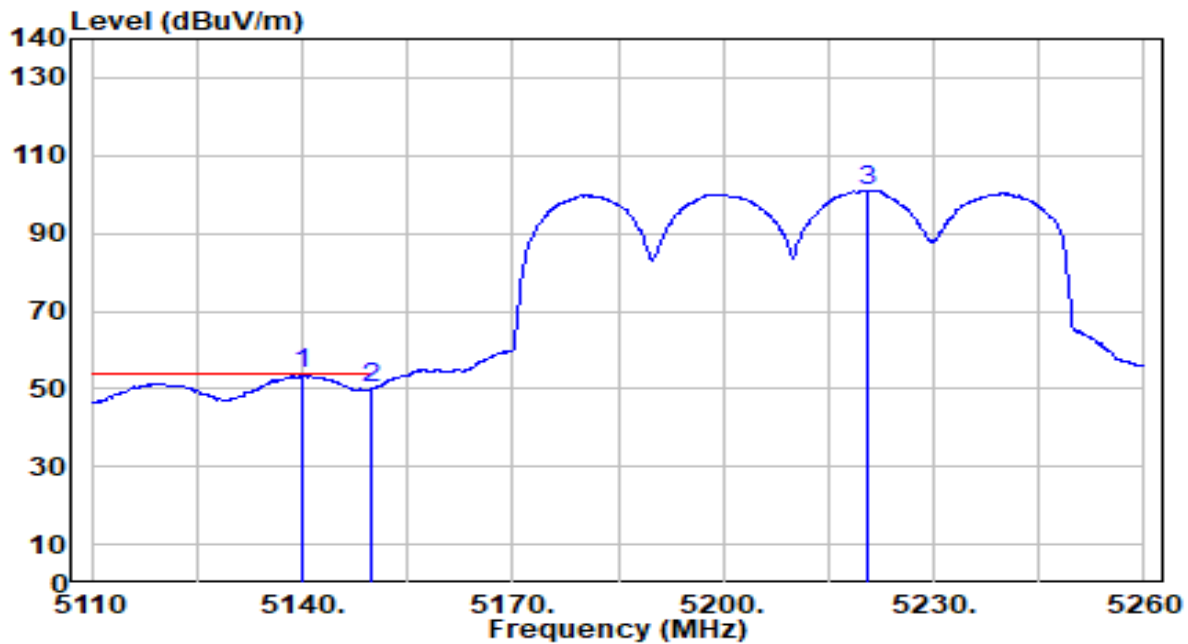


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5143.300	70.50	-0.71	69.78	-4.22	74.00	100	36	Peak
2	5150.000	63.00	-0.72	62.28	-11.72	74.00	100	36	Peak
3	5219.650	112.36	-0.77	111.58	N/A	N/A	100	36	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band1_CH 42_ANT 0+1	Test Voltage	AC 120V/60Hz

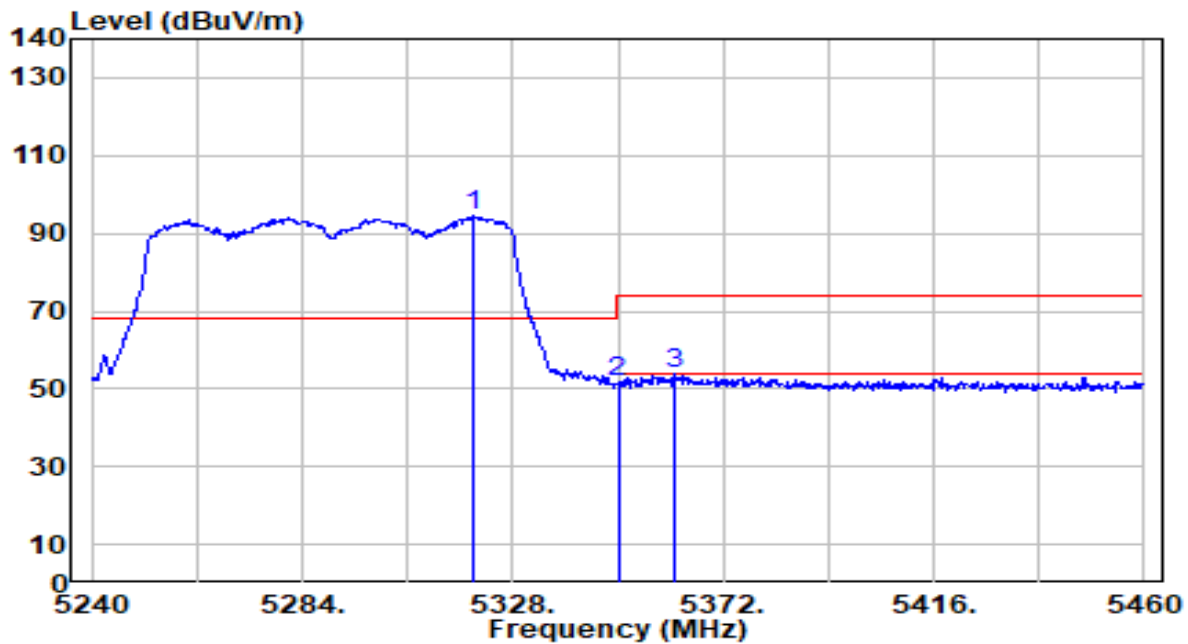


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5140.000	54.45	-0.71	53.73	-0.27	54.00	100	36	Average
2	5150.000	50.79	-0.72	50.07	-3.93	54.00	100	36	Average
3	5220.550	101.72	-0.78	100.94	N/A	N/A	100	36	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

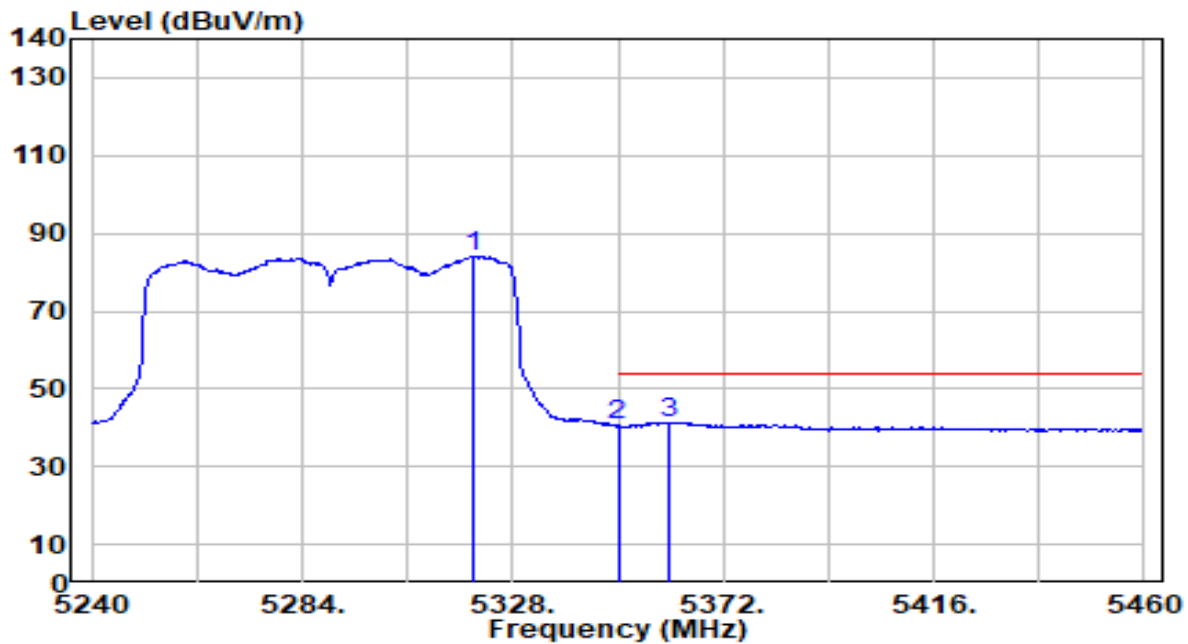


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5319.860	95.52	-0.93	94.59	N/A	N/A	100	327	Peak
2	5350.000	52.90	-0.97	51.93	-22.07	74.00	100	327	Peak
3	* 5361.880	54.66	-0.99	53.67	-20.33	74.00	100	327	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

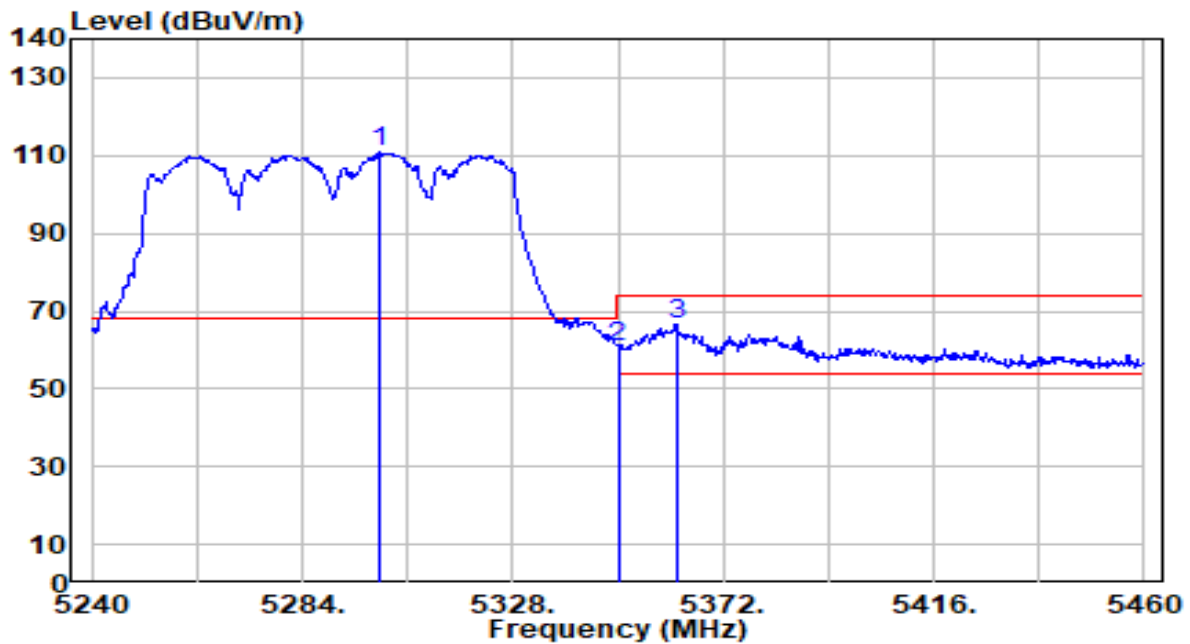


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5319.640	85.02	-0.93	84.10	N/A	N/A	100	327	Average
2	5350.000	41.51	-0.97	40.54	-13.46	54.00	100	327	Average
3	* 5360.560	42.34	-0.99	41.35	-12.65	54.00	100	327	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

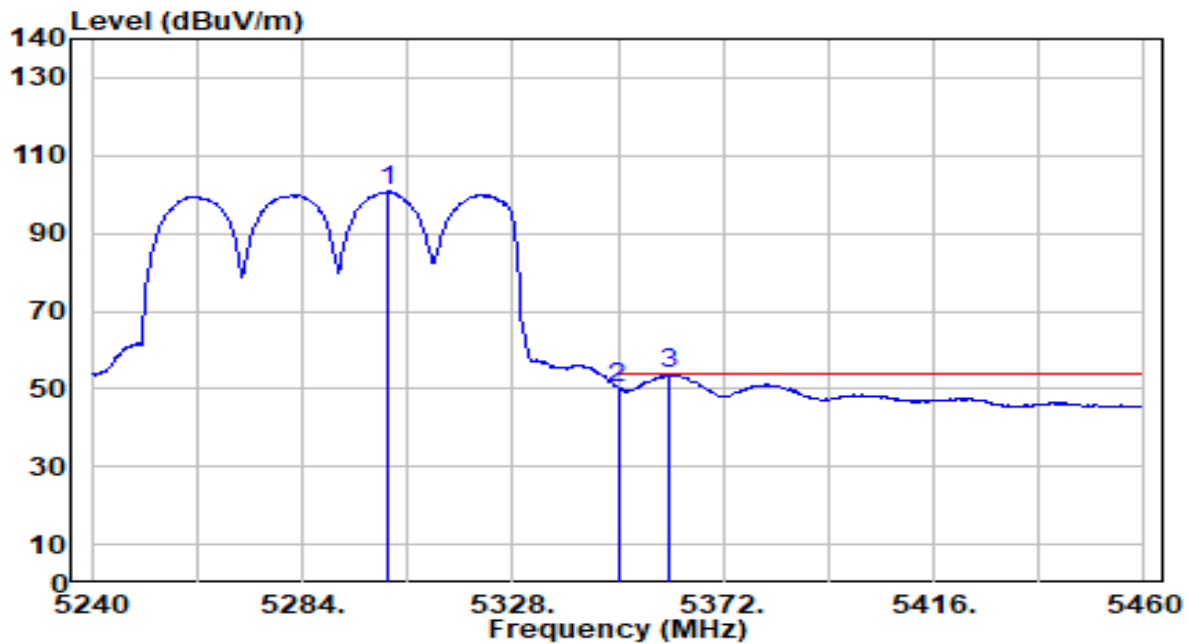


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5300.060	111.78	-0.90	110.89	N/A	N/A	100	38	Peak
2	5350.000	61.99	-0.97	61.02	-12.98	74.00	100	38	Peak
3	* 5362.320	67.36	-0.99	66.36	-7.64	74.00	100	38	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band2_CH 58_ANT 0+1	Test Voltage	AC 120V/60Hz

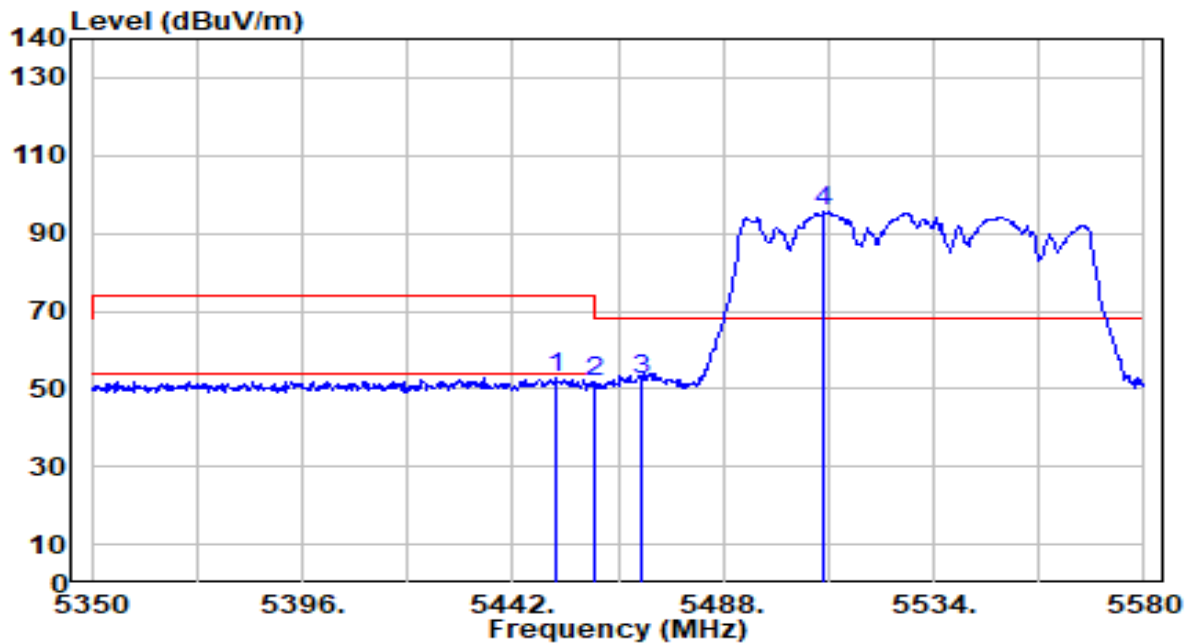


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5302.040	101.62	-0.90	100.72	N/A	N/A	100	38	Average
2	5350.000	51.36	-0.97	50.39	-3.61	54.00	100	38	Average
3	* 5360.560	54.72	-0.99	53.73	-0.27	54.00	100	38	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

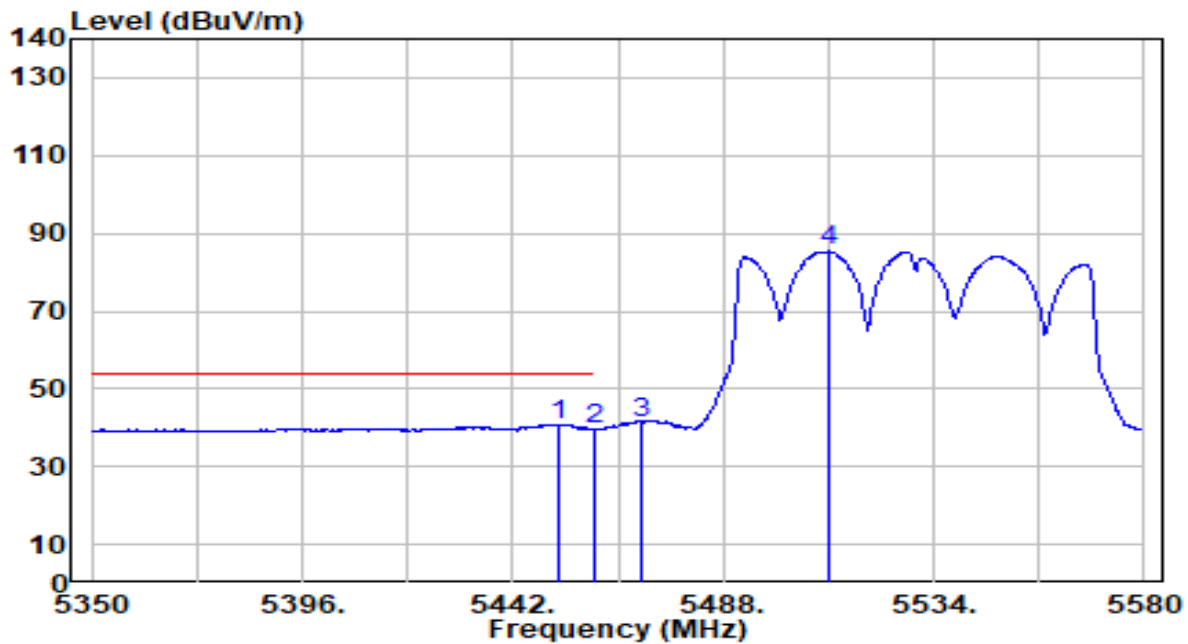


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5451.660	53.70	-0.89	52.81	-21.19	74.00	100	240	Peak
2	5460.000	52.75	-0.87	51.88	-22.12	74.00	100	240	Peak
3	* 5470.000	53.38	-0.84	52.54	-15.66	68.20	100	240	Peak
4	5509.850	96.26	-0.72	95.54	N/A	N/A	100	240	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

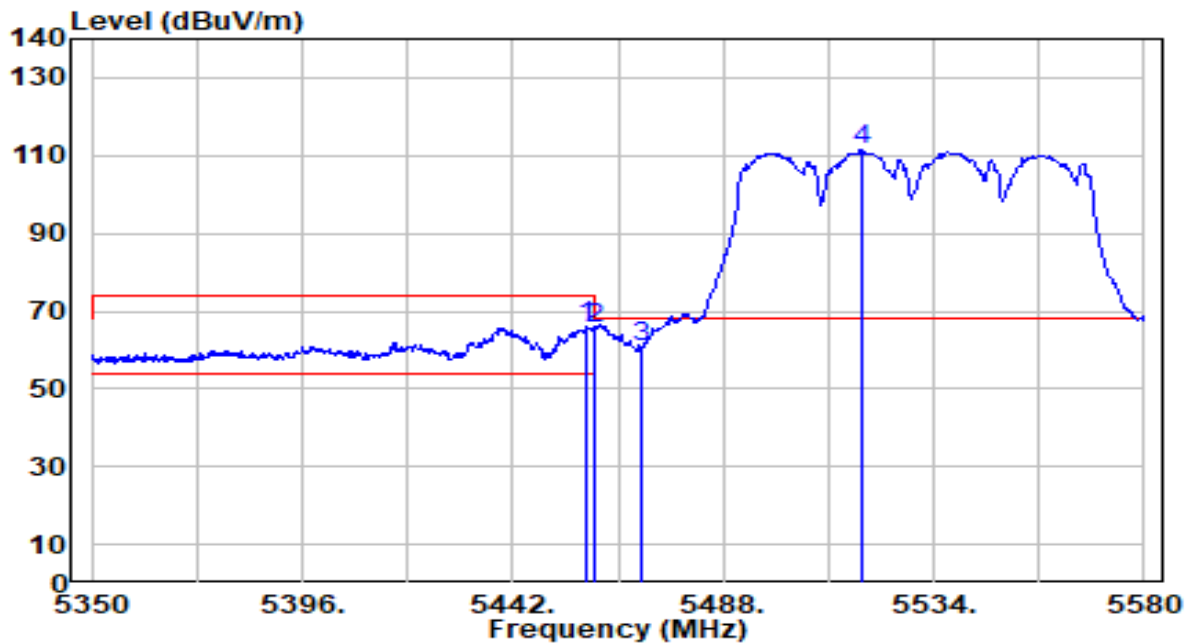


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5452.120	41.81	-0.89	40.92	-13.08	54.00	100	240	Average
2	5460.000	40.41	-0.87	39.54	-14.46	54.00	100	240	Average
3	5470.000	42.30	-0.84	41.46	N/A	N/A	100	240	Average
4	5511.000	86.14	-0.71	85.42	N/A	N/A	100	240	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

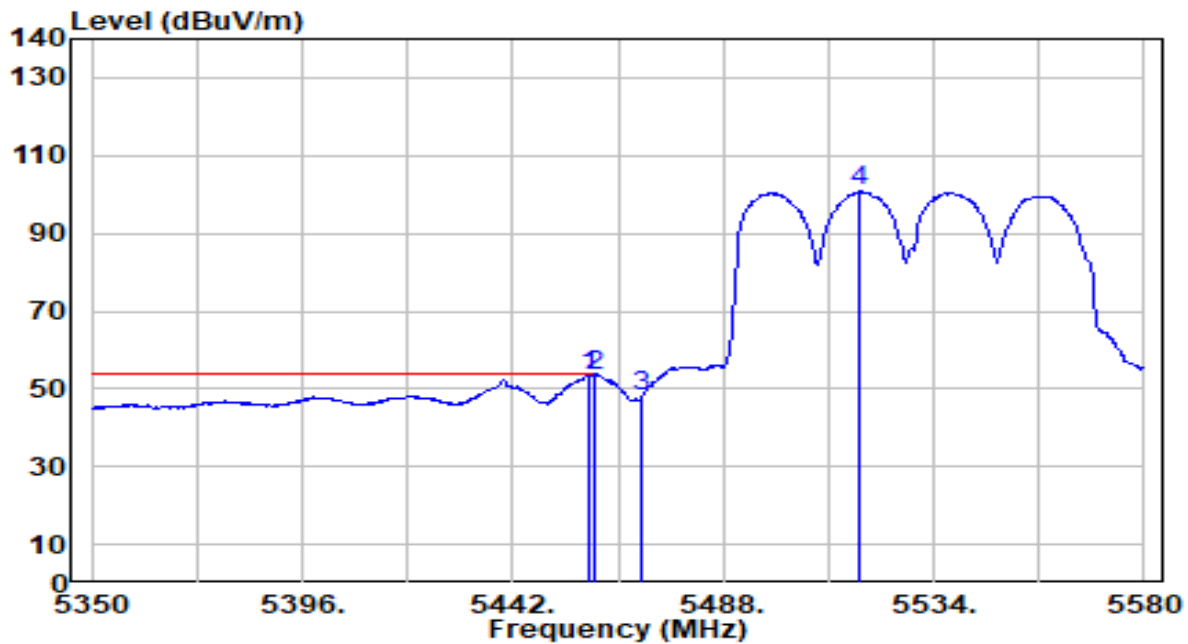


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.330	67.11	-0.87	66.24	-7.76	74.00	133	16	Peak
2	5460.000	66.45	-0.87	65.58	-8.42	74.00	133	16	Peak
3	* 5470.000	61.78	-0.84	60.94	-7.26	68.20	133	16	Peak
4	5518.130	112.30	-0.69	111.61	N/A	N/A	133	16	Peak

Note:

- "*" means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
- The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band3_CH 106_ANT 0+1	Test Voltage	AC 120V/60Hz

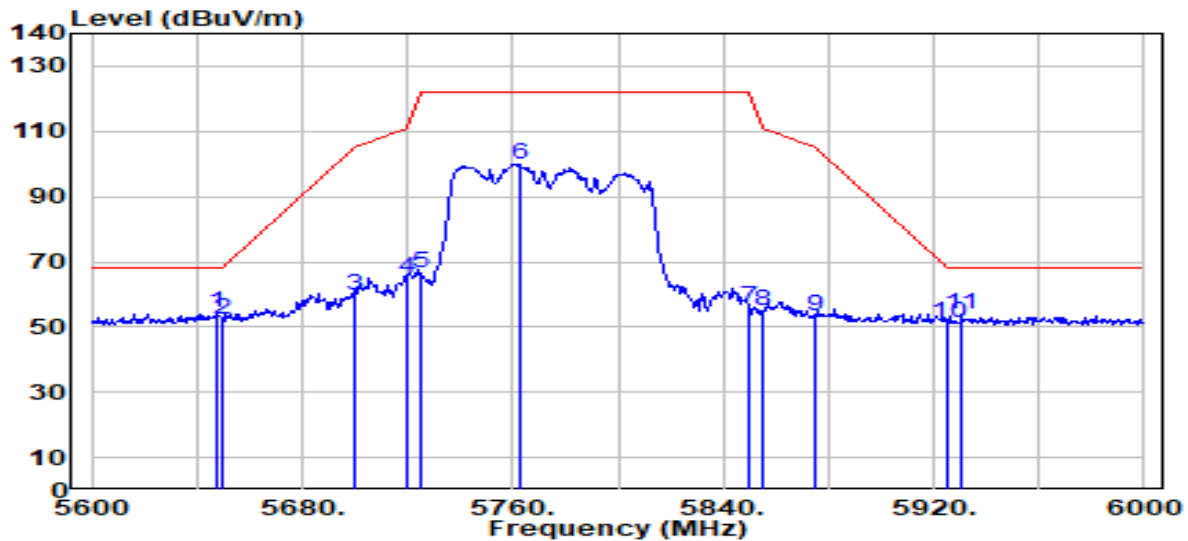


No	Frequency (MHz)	Reading (dBuV)	C.F (dB/m)	Measurement (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	5458.560	54.24	-0.87	53.37	-0.63	54.00	133	16	Average
2	* 5460.000	54.27	-0.87	53.40	-0.60	54.00	133	16	Average
3	5470.000	48.85	-0.84	48.01	N/A	N/A	133	16	Average
4	5517.670	101.44	-0.69	100.75	N/A	N/A	133	16	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBuV/m) = Reading(dBuV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Horizontal	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz

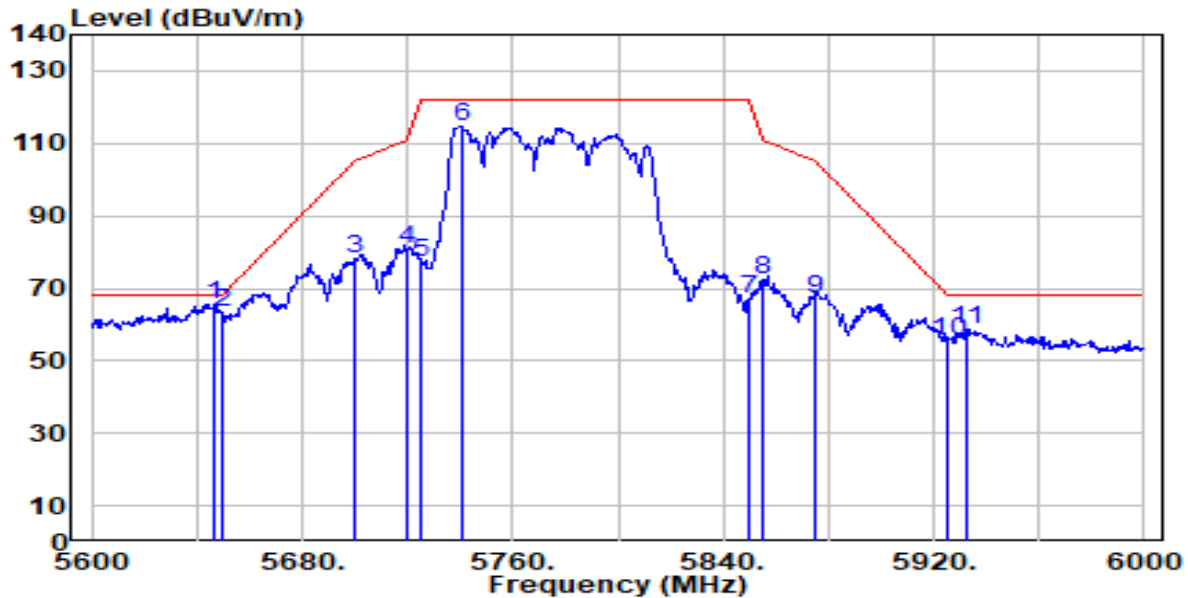


No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5648.000	54.82	-0.17	54.65	-13.55	68.20	300	276	Peak
2	5650.000	52.51	-0.16	52.35	-15.85	68.20	300	276	Peak
3	5700.000	59.58	0.10	59.68	-45.52	105.20	300	276	Peak
4	5720.000	64.99	0.20	65.20	-45.60	110.80	300	276	Peak
5	5725.000	66.31	0.23	66.54	-55.66	122.20	300	276	Peak
6	5763.200	99.51	0.43	99.93	N/A	N/A	300	276	Peak
7	5850.000	55.44	0.58	56.03	-66.17	122.20	300	276	Peak
8	5855.000	54.22	0.58	54.80	-56.00	110.80	300	276	Peak
9	5875.000	53.01	0.57	53.57	-51.63	105.20	300	276	Peak
10	5925.000	50.97	0.53	51.50	-16.70	68.20	300	276	Peak
11	5930.400	53.11	0.52	53.63	-14.57	68.20	300	276	Peak

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
3. Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

EUT	Omada AC1350 Gigabit VPN Router	Date of Test	2023-10-02
Factor	DRH18-E	Temp. / Humidity	24°C /64%
Polarity	Vertical	Site / Test Engineer	AC2 / Stanley
Test Mode	802.11ac-80MHz_TX_Band4_CH 155_ANT 0+1	Test Voltage	AC 120V/60Hz



No	Frequency (MHz)	Reading (dBUV)	C.F (dB/m)	Measurement (dBUV/m)	Margin (dB)	Limit (dBUV/m)	Height (cm)	Angle (deg)	Remark (QP/PK/AV)
1	* 5646.400	65.86	-0.18	65.67	-2.53	68.20	199	169	Peak
2	5650.000	63.70	-0.16	63.54	-4.66	68.20	199	169	Peak
3	5700.000	77.93	0.10	78.02	-27.18	105.20	199	169	Peak
4	5720.000	80.77	0.20	80.97	-29.83	110.80	199	169	Peak
5	5725.000	77.00	0.23	77.23	-44.97	122.20	199	169	Peak
6	5740.400	114.56	0.31	114.87	N/A	N/A	199	169	Peak
7	5850.000	66.46	0.58	67.05	-55.15	122.20	199	169	Peak
8	5855.000	71.59	0.58	72.17	-38.63	110.80	199	169	Peak
9	5875.000	66.55	0.57	67.12	-38.08	105.20	199	169	Peak
10	5925.000	55.15	0.53	55.68	-12.52	68.20	199	169	Peak
11	5932.400	58.32	0.52	58.84	-9.36	68.20	199	169	Peak

Note:

- " *", means this data is the worst emission level.
- C.F (Correction Factor) = Antenna Factor (dB/m) + Cable Loss (dB) – Preamplifier(dB) + 10dB Attenuation.
- Measurement (dBUV/m) = Reading(dBUV) + C.F (Correction Factor).

4. The emission levels of other frequencies are very lower than the limit and not show in test report.

7.9. AC Conducted Emissions Measurement

7.9.1. Test Limit

FCC Part 15.207 Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

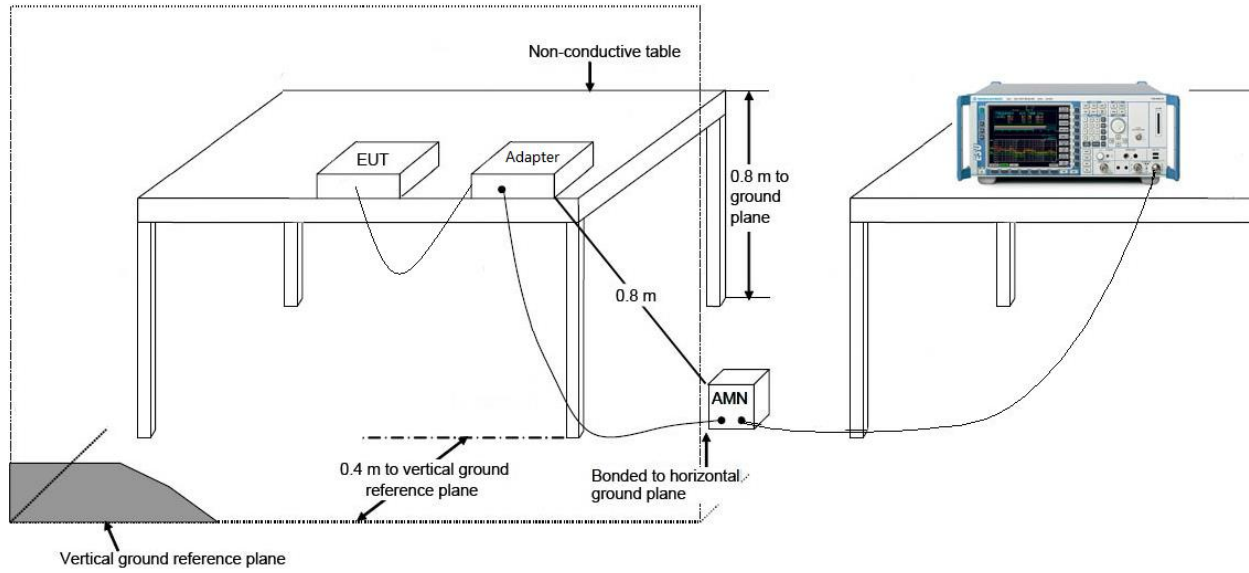
7.9.2. Test Procedure

The EUT was setup according to ANSI C63.4, 2009 and tested according to KDB 789033 for compliance to FCC 47CFR 15.247 requirements. The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs) Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

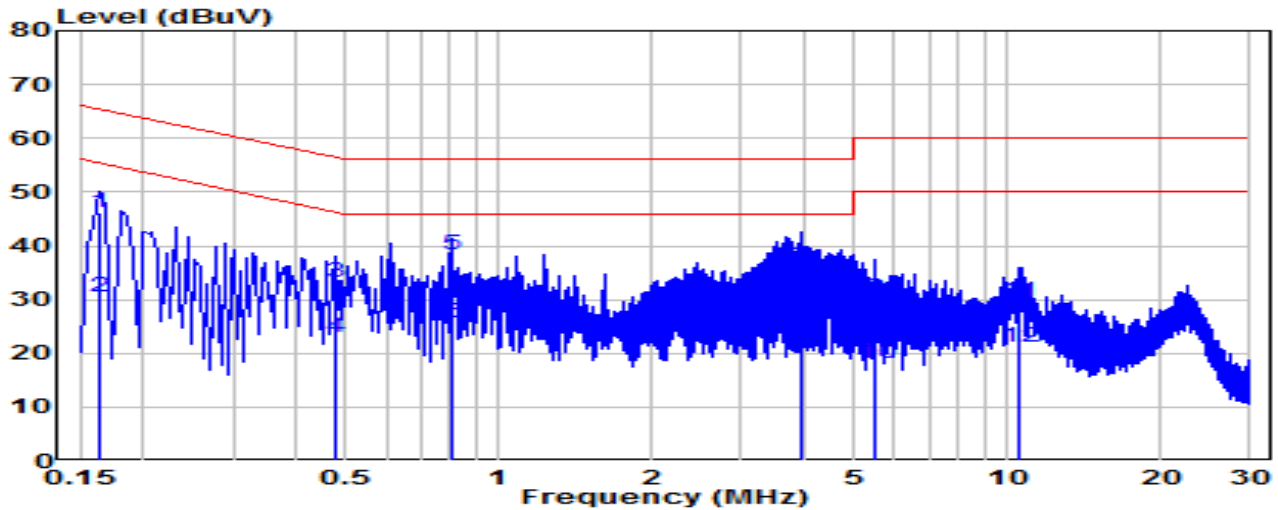
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

7.9.3. Test Setup



7.9.4. Test Result

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

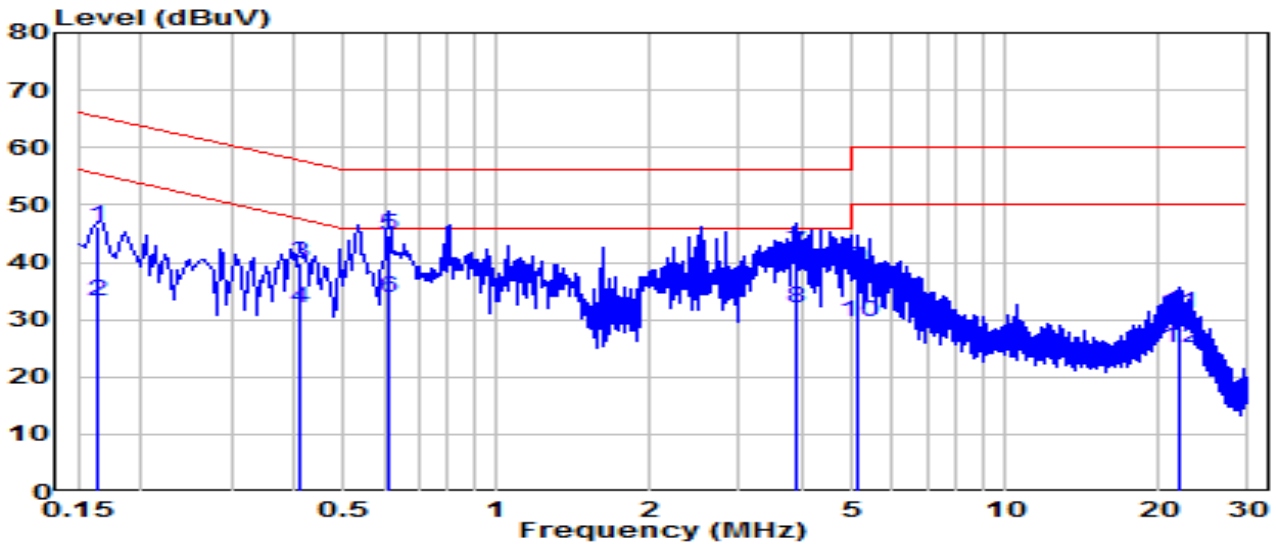


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	36.67	9.62	46.29	-18.99	65.28	QP
2	0.163	20.90	9.62	30.52	-24.76	55.28	Average
3	0.478	23.62	9.64	33.26	-23.11	56.37	QP
4	0.478	13.19	9.64	22.84	-23.53	46.37	Average
5	* 0.807	28.74	9.66	38.40	-17.60	56.00	QP
6	* 0.807	15.89	9.66	25.55	-20.45	46.00	Average
7	3.916	26.13	9.73	35.85	-20.15	56.00	QP
8	3.916	13.33	9.73	23.06	-22.94	46.00	Average
9	5.473	20.29	9.76	30.04	-29.96	60.00	QP
10	5.473	8.28	9.76	18.03	-31.97	50.00	Average
11	10.526	19.61	9.86	29.47	-30.53	60.00	QP
12	10.526	11.24	9.86	21.11	-28.89	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 120V/60Hz

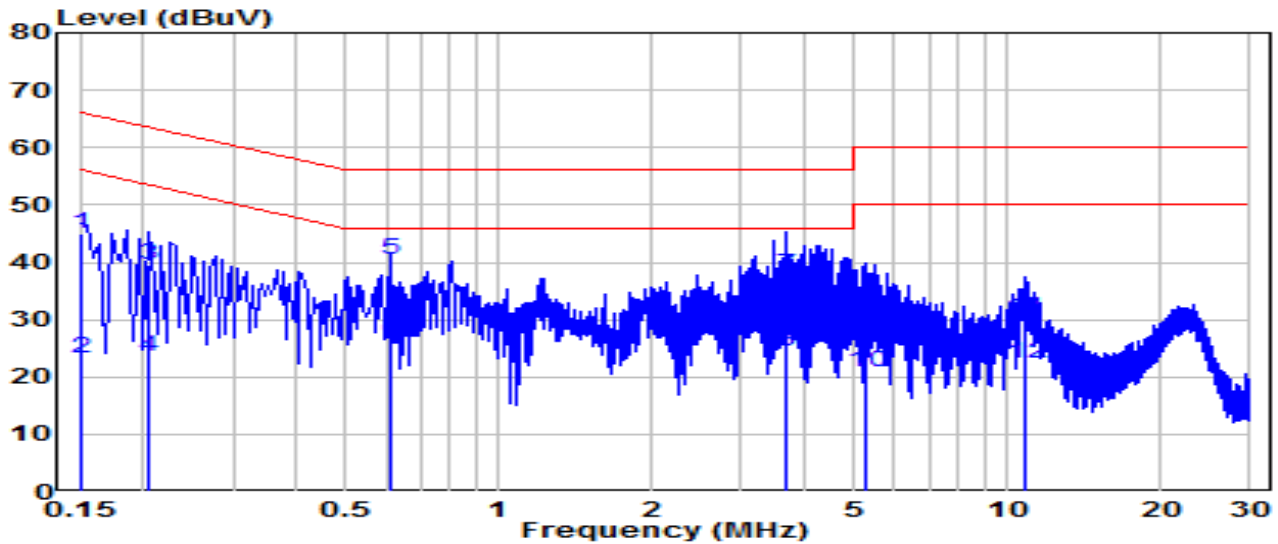


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.163	36.70	9.62	46.32	-18.96	65.28	QP
2	0.163	23.62	9.62	33.24	-22.04	55.28	Average
3	0.411	30.25	9.64	39.89	-17.74	57.63	QP
4	0.411	22.28	9.64	31.91	-15.72	47.63	Average
5	* 0.613	34.97	9.65	44.62	-11.38	56.00	QP
6	* 0.613	24.05	9.65	33.70	-12.30	46.00	Average
7	3.903	31.79	9.73	41.52	-14.48	56.00	QP
8	3.903	22.23	9.73	31.96	-14.04	46.00	Average
9	5.149	29.21	9.75	38.96	-21.04	60.00	QP
10	5.149	19.93	9.75	29.68	-20.32	50.00	Average
11	21.959	21.08	10.01	31.09	-28.91	60.00	QP
12	21.959	15.00	10.01	25.00	-25.00	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-L1 (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Line1	Site / Test Engineer	SR2 / Bob
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz

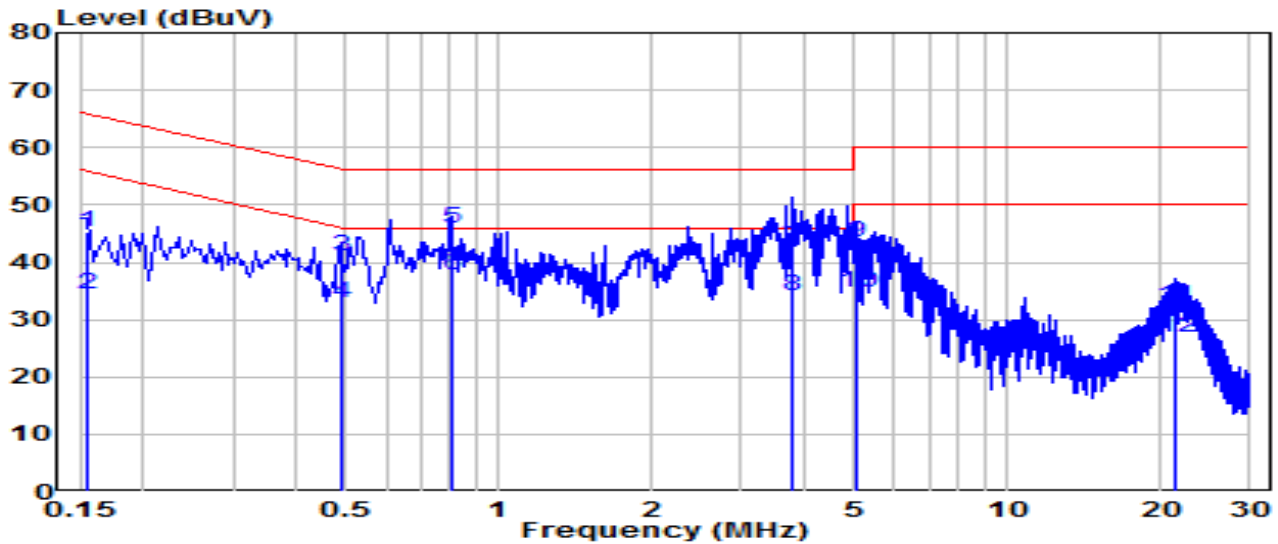


No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.150	35.43	9.62	45.05	-20.95	66.00	QP
2	0.150	13.74	9.62	23.36	-32.64	56.00	Average
3	0.204	30.01	9.62	39.63	-23.81	63.45	QP
4	0.204	14.05	9.62	23.67	-29.77	53.45	Average
5	* 0.609	30.84	9.65	40.48	-15.52	56.00	QP
6	* 0.609	16.61	9.65	26.26	-19.74	46.00	Average
7	3.696	28.03	9.72	37.75	-18.25	56.00	QP
8	3.696	14.86	9.72	24.58	-21.42	46.00	Average
9	5.248	21.36	9.75	31.11	-28.89	60.00	QP
10	5.248	11.12	9.75	20.87	-29.13	50.00	Average
11	10.805	20.39	9.86	30.26	-29.74	60.00	QP
12	10.805	12.49	9.86	22.35	-27.65	50.00	Average

Note:

- " *", means this data is the worst emission level.
- C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
- Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

EUT	Router	Date of Test	2023-09-25
Factor	CE_ENV216-N (Filter ON)	Temp. / Humidity	25.8°C /50%
Polarity	Neutral	Site / Test Engineer	SR2 / Bob
Test Mode	802.11ac-20MHz_TX_Band1_CH 44_ANT 0+1	Test Voltage	AC 240V/60Hz



No	Frequency (MHz)	Reading (dBuV)	C.F (dB)	Measurement (dBuV)	Margin (dB)	Limit (dBuV)	Remark (QP/PK/AV)
1	0.154	35.70	9.62	45.32	-20.44	65.75	QP
2	0.154	24.89	9.62	34.51	-21.24	55.75	Average
3	0.487	31.40	9.64	41.04	-15.17	56.21	QP
4	0.487	23.40	9.64	33.04	-13.17	46.21	Average
5	* 0.807	36.35	9.66	46.01	-9.99	56.00	QP
6	* 0.807	28.14	9.66	37.80	-8.20	46.00	Average
7	3.799	32.86	9.73	42.58	-13.42	56.00	QP
8	3.799	24.48	9.73	34.21	-11.79	46.00	Average
9	5.046	33.71	9.75	43.46	-16.54	60.00	QP
10	5.046	25.08	9.75	34.83	-15.17	50.00	Average
11	21.343	22.42	10.00	32.43	-27.57	60.00	QP
12	21.343	16.90	10.00	26.90	-23.10	50.00	Average

Note:

1. " *", means this data is the worst emission level.
2. C.F (Correction Factor) = LISN Factor (dB)+ Cable Loss (dB).
3. Measurement (dBuV) = Reading(dBuV) + C.F (Correction Factor).

8. CONCLUSION

The data collected relate only the item(s) tested and show that the device is in compliance with Part 15E of the FCC Rules.

Appendix A : Test Setup Photograph

Refer to “2309TW0119-UT” file.

Appendix B : External Photograph

Refer to “2309TW0119-UE” file.

Appendix C : Internal Photograph

Refer to “2309TW0119-UI” file.

————— The End —————